# The 2013 Update of the Danube Basin Analysis Report

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International Commission for the Protection of the Danube River
Internationale Kommission zum Schutz der Donau

## ANNEX

# List of Annexes

Annex 1 – Urban Wastewater Inventories

Annex 2 – Industrial Emission Inventories

Annex 3 – List of Future Infrastructure Projects

Annex 4 – Risk Assessment for Surface Water Bodies

Annex 5 – Groundwater: Further characterisation of ICPDR GW bodies and significant pressures

Annex 6 – Inventory of Protected Areas

Annex 7 – Economic Analysis – Synthesis of Questionnaires

Annex 8 – Water Scarcity and Drought – Synthesis of Questionnaires

# Urban waste water inventories

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## ANNEX 1

### "The 2013 Update of the Danube Basin Analysis Report"

*Urban waste water data were collected from the countries in order to assess the point source organic substances and nutrient emissions via urban waste water discharges for the reference year 2009/2010 (Bosnia and Herzegovina: 2005/2006). Summarizing tables of the data submitted are presented in the followings.*

### Table 1: Agglomerations and population equivalents (PE)

| Country | | Number of agglomerations | | | | Generated load (PE) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Total | Collected and treated | Collected and not treated | Not collected and not treated | Total | Collected and treatment | Collected and no treatment | Not collected and not treated |
| 1 | DE | 705 | 705 | - | - | 13,080,212 | 13,080,212 | - | - |
| 2 | AT | 605 | 605 | - | - | 18,703,643 | 18,703,643 | - | - |
| 3 | CZ | 237 | 228 | 9 | - | 2,556,296 | 2,535,152 | 21,144 | - |
| 4 | HU | 478 | 476 | 2 | - | 10,903,606 | 10,500,505 | 403,101 | - |
| 5 | SK | 343 | 330 | 13 | - | 4,775,114 | 4,713,085 | 62,029 | - |
| 6 | SI | 138 | 110 | 17 | 11 | 1,313,345 | 1,177,073 | 95,921 | 40,351 |
| 7 | HR | 167 | 26 | 60 | 81 | 3,392,989 | 2,001,483 | 1,086,632 | 304,874 |
| 8 | BiH | 240 | 4 | 85 | 151 | 2,030,920 | 34,100 | 1,539,220 | 457,600 |
| 9 | RS | 485 | 33 | 163 | 289 | 5,467,046 | 876,740 | 3,475,236 | 1,115,070 |
| 10 | RO | 2,390 | 486 | 196 | 1,708 | 24,580,527 | 12,735,280 | 4,833,823 | 7,011,424 |
| 11 | BG | 131 | 24 | 28 | 79 | 2,815,735 | 2,037,359 | 545,765 | 232,611 |
| 12 | MD | 190 | 19 | 10 | 161 | 845,523 | 254,275 | 48,214 | 543,034 |
| 13 | UA | 43 | 25 | 6 | 12 | 964,524 | 837,276 | 58,300 | 68,948 |
| **Total** | | **6,152** | **3,071** | **589** | **2,492** | **91,429,480** | **69,486,183** | **12,169,385** | **9,773,912** |

## Table 2: Organic substances (biochemical oxygen demand – BOD, chemical oxygen demand, COD) and nutrient (total nitrogen – TN, total phosphorus - TP) discharges

| | Country | BOD discharges (t/year) | | | COD discharges (t/year) | | | TN discharges (t/year) | | | TP discharges (t/year) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Total | Collected and treated | Collected and not treated | Total | Collected and treated | Collected and not treated | Total | Collected and treated | Collected and not treated | Total | Collected and treated | Collected and not treated |
| 1 | DE | 4,644 | 4,644 | - | 30,880 | 30,880 | - | 11,837 | 11,837 | - | 1,017 | 1,017 | - |
| 2 | AT | 5,036 | 5,036 | - | 28,184 | 28,184 | - | 8,671 | 8,671 | - | 708 | 708 | - |
| 3 | CZ | 988 | 822 | 166 | 4,800 | 4,377 | 423 | 1,592 | 1,546 | 46 | 170 | 163 | 7 |
| 4 | HU | 21,913 | 13,526 | 8,387 | 59,089 | 42,316 | 16,773 | 13,864 | 12,606 | 1,258 | 2,845 | 2,565 | 280 |
| 5 | SK | 3,574 | 3,131 | 443 | 15,846 | 15,001 | 845 | 5,595 | 5,476 | 119 | 730 | 717 | 13 |
| 6 | SI | 5,025 | 3,030 | 1,996 | 22,611 | 18,619 | 3,991 | 7,034 | 6,735 | 299 | 1,078 | 1,011 | 67 |
| 7 | HR | 18,706 | 7,744 | 10,961 | 32,659 | 12,700 | 19,959 | 3,300 | 1,931 | 1,368 | 850 | 532 | 319 |
| 8 | BiH | 37,776 | 630 | 37,146 | 69,166 | 1,098 | 68,068 | 5,835 | 112 | 5,723 | 1,288 | 25 | 1,263 |
| 9 | RS | 69,531 | 8,002 | 61,529 | 128,353 | 15,550 | 112,803 | 9,563 | 538 | 9,025 | 1,910 | 64 | 1,846 |
| 10 | RO | 93,856 | 39,752 | 54,104 | 233,067 | 99,527 | 133,540 | 29,646 | 13,403 | 16,243 | 3,568 | 1,751 | 1,817 |
| 11 | BG | 14,909 | 3,555 | 11,355 | 32,536 | 9,826 | 22,709 | 5,119 | 3,416 | 1,703 | 1,322 | 944 | 378 |
| 12 | MD | 3,920 | 2,864 | 1,056 | 6,676 | 4,740 | 1,936 | 777 | 622 | 155 | 196 | 160 | 36 |
| 13 | UA | 1,347 | 1,331 | 16 | 2,883 | 2,862 | 21 | 794 | 792 | 2 | 110 | 107 | 3 |
| | **Total** | **281,225** | **94,067** | **187,158** | **666,750** | **285,681** | **381,069** | **103,626** | **67,684** | **35,942** | **15,793** | **9,764** | **6,028** |

## Table 3: Agglomerations with operating waste water treatment plant and their PE values

| | Country | Number of agglomerations | | | | | Generated load (PE) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Primary | Secondary | P removal | N removal | NP removal | Primary | Secondary | P removal | N removal | NP removal |
| 1 | DE | - | 131 | 45 | 106 | 423 | - | 446,500 | 199,861 | 438,073 | 11,995,778 |
| 2 | AT | - | 5 | 82 | 5 | 513 | - | 20,920 | 1,417,223 | 31,100 | 17,234,400 |
| 3 | CZ | - | 112 | 25 | 21 | 70 | - | 337,340 | 109,800 | 87,560 | 2,000,452 |
| 4 | HU | 6 | 192 | 13 | 18 | 247 | 34,955 | 3,272,890 | 964,001 | 417,924 | 5,810,735 |
| 5 | SK | - | 301 | - | 8 | 21 | - | 3,614,316 | - | 455,472 | 643,297 |
| 6 | SI | - | 81 | - | - | 29 | - | 848,445 | - | - | 328,628 |
| 7 | HR | 12 | 13 | - | - | 1 | 271,223 | 1,675,484 | - | - | 54,776 |
| 8 | BiH | - | 4 | - | - | - | - | 34,100 | - | - | - |
| 9 | RS | 1 | 31 | - | - | 1 | 57,411 | 719,348 | - | - | 99,981 |
| 10 | RO | 207 | 273 | - | 3 | 3 | 2,292,366 | 8,792,969 | - | 1,208,615 | 441,330 |
| 11 | BG | 8 | 11 | - | - | 5 | 75,519 | 556,001 | - | - | 1,405,839 |
| 12 | MD | 10 | 9 | - | - | - | 108,995 | 145,280 | - | - | - |
| 13 | UA | 3 | 22 | - | - | - | 81,700 | 755,576 | - | - | - |
| | **Total** | **247** | **1,185** | **165** | **161** | **1,313** | **2,922,169** | **21,219,169** | **2,690,885** | **2,638,744** | **40,015,216** |

## Table 4: BOD and COD discharges of the operating waste water treatment plants

| | Country | BOD discharges (t/year) | | | | | COD discharges (t/year) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Primary | Secondary | P removal | N removal | NP removal | Primary | Secondary | P removal | N removal | NP removal |
| 1 | DE | - | 391 | 153 | 167 | 3,933 | - | 1,799 | 688 | 998 | 27,395 |
| 2 | AT | - | 7 | 549 | 12 | 4,467 | - | 30 | 2,258 | 42 | 25,854 |
| 3 | CZ | - | 103 | 52 | 16 | 651 | - | 239 | 247 | 124 | 3,767 |
| 4 | HU | 723 | 7,354 | 297 | 347 | 4,805 | 2,350 | 20,569 | 1,061 | 1,143 | 17,193 |
| 5 | SK | - | 2,571 | - | 278 | 283 | - | 12,238 | - | 1,443 | 1,320 |
| 6 | SI | - | 2,472 | - | - | 558 | - | 14,916 | - | - | 3,703 |
| 7 | HR | 2,071 | 5,657 | - | - | 16 | 3,619 | 8,989 | - | - | 92 |
| 8 | BiH | - | 630 | - | - | - | - | 1,098 | - | - | - |
| 9 | RS | 226 | 6,659 | - | - | 1,117 | 519 | 13,225 | - | - | 1,806 |
| 10 | RO | 15,057 | 22,991 | - | 1,303 | 401 | 34,847 | 58,687 | - | 4,592 | 1,401 |
| 11 | BG | 529 | 671 | - | - | 2,355 | 1,529 | 3,126 | - | - | 5,171 |
| 12 | MD | 1,910 | 954 | - | - | - | 3,282 | 1,458 | - | - | - |
| 13 | UA | 50 | 1,281 | - | - | - | 73 | 2,789 | - | - | - |
| | **Total** | **20,566** | **51,742** | **1,051** | **2,122** | **18,585** | **46,219** | **139,163** | **4,254** | **8,342** | **87,702** |

## Table 5: TN and TP discharges of the operating waste water treatment plants

| | Country | TN discharges (t/year) | | | | | TP discharges (t/year) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Primary | Secondary | P removal | N removal | NP removal | Primary | Secondary | P removal | N removal | NP removal |
| 1 | DE | - | 641 | 324 | 298 | 10,575 | - | 135 | 27 | 118 | 737 |
| 2 | AT | - | 22 | 1,019 | 8 | 7,622 | - | 4 | 67 | 2 | 636 |
| 3 | CZ | - | 287 | 98 | 38 | 1,123 | - | 34 | 8 | 13 | 108 |
| 4 | HU | 209 | 6,141 | 329 | 468 | 5,459 | 35 | 806 | 31 | 76 | 1,617 |
| 5 | SK | - | 4,191 | - | 697 | 588 | - | 469 | - | 37 | 211 |
| 6 | SI | - | 6,138 | - | - | 597 | - | 906 | - | - | 106 |
| 7 | HR | 292 | 1,628 | - | - | 12 | 62 | 468 | - | - | 2 |
| 8 | BiH | - | 112 | - | - | - | - | 25 | - | - | - |
| 9 | RS | 15 | 407 | - | - | 116 | 3 | 33 | - | - | 28 |
| 10 | RO | 3,269 | 8,493 | - | 1,241 | 400 | 381 | 1,083 | - | 201 | 86 |
| 11 | BG | 51 | 719 | - | - | 2,645 | 7 | 153 | - | - | 783 |
| 12 | MD | 319 | 303 | - | - | - | 73 | 87 | - | - | - |
| 13 | UA | 4 | 788 | - | - | - | 21 | 86 | - | - | - |
| | **Total** | **4,158** | **29,870** | **1,770** | **2,750** | **29,138** | **582** | **4,289** | **133** | **447** | **4,314** |

# Industrial emission inventories

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## ANNEX 2

### "The 2013 Update of the Danube Basin Analysis Report"

*Industrial pollutant release data were collected from the countries in order to assess the point source organic substances and nutrient emissions via direct industrial discharges for the reference year 2010/2011. Summarizing tables of the data submitted are presented in the followings.*

## Table 1: Total organic carbon (TOC) discharges according to several industrial sectors (kg/year)

| Code | Activity category | DE | AT | CZ | SK | HU | SI | HR | BA | RS | RO | BG | MD | UA | Basin |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Energy sector | - | - | - | 300,922 | 864,000 | - | - | - | - | 490,200 | - | - | - | 1,655 |
| 2 | Production and processing of metals | - | 125,000 | - | 133,016 | 306,000 | - | - | - | - | - | - | - | - | 564 |
| 3 | Chemical industry | 650,000 | - | - | 812,704 | 504,600 | 65,500 | - | - | - | 4,056,000 | - | - | - | 6,089 |
| 4 | Paper and w ood production and processing | 2,698,100 | 81,500 | - | 1,753,806 | - | 278,000 | - | - | 146,513 | - | 332,337 | - | - | 5,290 |
| 5 | Intensive livestock production and aquaculture | - | - | - | - | - | - | - | - | | - | 65,596 | - | - | 66 |
| 6 | Animal and vegetable products from the food and beverage sector | - | 261,000 | - | - | - | - | - | - | 2,664,002 | - | - | - | - | 2,925 |
| | **TOTAL (t/year)** | **3,348** | **468** | **-** | **3,000** | **1,675** | **344** | **-** | **-** | **2,811** | **4,546** | **398** | **-** | **-** | **16,589** |

## Table 2: Total nitrogen (TN) discharges according to several industrial sectors (kg/year)

| Code | Activity category | DE | AT | CZ | SK | HU | SI | HR | BA | RS | RO | BG | MD | UA | Basin |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Energy sector | 74,500 | - | - | 217,848 | - | - | - | - | - | 99,100 | - | - | - | 391 |
| 2 | Production and processing of metals | - | - | - | 242,500 | - | - | - | - | - | 225,000 | - | - | - | 467 |
| 3 | Chemical industry | 300,100 | 68,300 | - | 784,625 | 595,000 | - | 115,588 | - | - | 813,000 | - | - | - | 2,677 |
| 4 | Paper and w ood production and processing | - | - | - | 121,334 | - | - | - | - | - | - | 53,328 | - | 136,000 | 311 |
| 5 | Intensive livestock production and aquaculture | - | - | - | - | - | - | - | - | - | 691,700 | - | - | - | 692 |
| 6 | Animal and vegetable products from the food and beverage sector | | 170,000 | - | - | - | - | - | - | - | - | - | - | - | 170 |
| | **TOTAL (t/year)** | **375** | **238** | **-** | **1,366** | **595** | **-** | **116** | **-** | **-** | **1,829** | **53** | **-** | **136** | **4,708** |

## Table 3: Total phosphorus (TP) discharges according to several industrial sectors (kg/year)

| Code | Activity category | DE | AT | CZ | SK | HU | SI | HR | BA | RS | RO | BG | MD | UA | Basin |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Energy sector | - | - | - | 5,691 | 22,500 | - | - | - | - | - | - | - | - | 28 |
| 2 | Production and processing of metals | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | Chemical industry | 5,850 | 8,680 | - | 22,091 | 11,900 | - | - | - | - | - | - | - | - | 49 |
| 4 | Paper and w ood production and processing | - | - | - | 21,465 | - | - | - | - | - | - | - | - | - | 21 |
| 5 | Intensive livestock production and aquaculture | - | - | - | - | - | - | - | - | | 36,370 | - | - | - | 36 |
| 6 | Animal and vegetable products from the food and beverage sector | - | - | - | - | 8,860 | - | 5,446 | - | 24,955 | - | - | - | - | 39 |
| | **TOTAL (t/year)** | **6** | **9** | **-** | **49** | **43** | **-** | **5** | **-** | **25** | **36** | **-** | **-** | **-** | **174** |

# List of Future Infrastructure Projects in the DRBD

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## ANNEX 3

### "The 2013 Update of the Danube Basin Analysis Report"

# Explanations

SEA = Strategic Environmental Assessment

EIA = Environmental Impact Assessment

Data on Future Infrastructure Projects for Ukraine as listed in this Annex is from the 1st DRBM Plan 2009.

| Country | River | Water body | Project title | Main purpose | Description | Project status | Start imple-mentation | Expected deterioration of water body status | Trans-boundary impact | SEA | EIA | Exemption WFD Art. 4(7) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AT | Donau | Donau_02, KW Freudenau bis Devin, EP groß | Flussbauliches Gesamtprojekt - Freudenau - Austrian border | Navigation | Flussbauliches Gesamtprojekt - Freudenau - Austrian border | Officially planned | 2014 | No | No | No | Intended | No |
| BG | Dunav | DUNAV RWB01 | Improving the navigation of the Bulgarian-Romanian section of the Danube River | Navigation | Improving the navigation of BG-RO Danube sectors from km 520 to km 530 - Batin | Planning under preparation | 2012 | No | Yes | No | Already done | No |
| BG | Dunav | DUNAV RWB01 | Improving the navigation of the Bulgarian-Romanian section of the Danube River | Navigation | Improving the navigation of BG-RO Danube sectors from km 576 to km 560 - Belene | Planning under preparation | 2012 | No | Yes | No | Already done | No |
| HR | - | | Danube-Sava Canal | Navigation | Construction of 61,4 km artificial canal (category Vb) from Vukovar to Samac on the Sava River; will shorten the waterway | Planning under preparation | 2006 | No | Yes | No | Intended | No |
| HR | Sava | DSRI010001 | Reconstruction and Improvement of the Sava waterway in Croatia | Navigation | Reconstruction of the waterway, and upgrading it to Category IV | Implementation of project | 2003 | No | Yes | No | Already done | No |
| HR | Sava | DSRI010002 | Reconstruction and Improvement of the Sava waterway in Croatia | Navigation | Reconstruction of the waterway, and upgrading it to Category IV | Implementation of project | 2003 | No | Yes | No | Already done | No |
| HR | Sava | DSRN010006 | Reconstruction and Improvement of the Sava waterway in Croatia | Navigation | Reconstruction of the waterway, and upgrading it to Category IV | Implementation of project | 2003 | No | Yes | No | Already done | No |

| Country | River | Water body | Project title | Main purpose | Description | Project status | Start imple-mentation | Expected deterioration of water body status | Trans-boundary impact | SEA | EIA | Exemption WFD Art. 4(7) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HR | Sava | DSRN010005 | Reconstruction and Improvement of the Sava waterway in Croatia | Navigation | Reconstruction of the waterway, and upgrading it to Category IV | Implementation of project | 2003 | No | Yes | No | Already done | No |
| HR | Sava | DSRI010004 | Reconstruction and Improvement of the Sava waterway in Croatia | Navigation | Reconstruction of the waterway, and upgrading it to Category IV | Implementation of project | 2003 | No | Yes | No | Already done | No |
| HR | Sava | DSRI010003 | Reconstruction and Improvement of the Sava waterway in Croatia | Navigation | Reconstruction of the waterway, and upgrading it to Category IV | Implementation of project | 2003 | No | Yes | No | Already done | No |
| HU | Sebes-Körös | Sebes-Körös felső | Árvízvédelmi biztonság növelésének közös elősegítése a Sebes-Körös bal parti határszelvényénél | Flood protection | The project aims to raise the flood security of the populationon Sebes-Körös. | Implementation of project | 2013 | No | Yes | No | No | No |
| HU | Duna | Duna Gönyü-Szob között | Komárom, Almásfüzitő árvízvédelmi öblözet árvízvédelmi biztonságának javítása (2. forduló) | Flood protection | In the flood basin of Komarom-Almasfuzito the project aims to raise the security of the population by increasing the dam height | Implementation of project | 2011 | No | No | No | No | No |
| HU | Tisza | Tisza Tiszabábolnától Kisköréig | Tiszai védvonal fejlesztések a Tisza bal parton Tiszafüred–Rakamaz között | Flood protection | The project aims to raise the flood security of the population by reconstruction of the dam, protecting forests and restoration of engineering works. | Implementation of project | 2008 | No | No | No | No | No |

| Country | River | Water body | Project title | Main purpose | Description | Project status | Start imple-mentation | Expected deterioration of water body status | Trans-boundary impact | SEA | EIA | Exemption WFD Art. 4(7) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HU | Tisza | Tisza Belfő-csatornától Keleti-főcsatornáig | Tiszai védvonal fejlesztések a Tisza bal parton Tiszafüred– Rakamaz között | Flood protection | The project aims to raise the flood security of the population by reconstruction of the dam, protecting forests and restoration of engineering works. | Implementation of project | 2008 | No | No | No | No | No |
| HU | Tisza | Tisza Keleti-főcsatornától Tiszabábolnáig | Tiszai védvonal fejlesztések a Tisza bal parton Tiszafüred– Rakamaz között | Flood protection | The project aims to raise the flood security of the population by reconstruction of the dam, protecting forests and restoration of engineering works. | Implementation of project | 2008 | No | No | No | No | No |
| HU | Duna | Duna Bajától délre | Duna projekt | Flood protection | The project aims to raise the flood security of the population by increasing the dam height at several segments and restoration of engineering works. | Implementation of project | 2009 | No | No | Already done | No | No |
| HU | Szentendrei-Duna | Duna Szob-Baja között | Duna projekt | Flood protection | The project aims to raise the flood security of the population by increasing the dam height at several segments and restoration of engineering works. | Implementation of project | 2009 | No | No | Already done | No | No |
| HU | Duna | Duna Gönyü-Szob között | Duna projekt | Flood protection | The project aims to raise the flood security of the population by | Implementation of project | 2009 | No | No | Already done | No | No |

| Country | River | Water body | Project title | Main purpose | Description | Project status | Start imple-mentation | Expected deterioration of water body status | Trans-boundary impact | SEA | EIA | Exemption WFD Art. 4(7) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | increasing the dam height at several segments and restoration of engineering works. | | | | | | | |
| HU | Duna | Duna Szob-Baja között | Duna projekt | Flood protection | The project aims to raise the flood security of the population by increasing the dam height at several segments and restoration of engineering works. | Implementation of project | 2009 | No | No | Already done | No | No |
| HU | Duna | Duna Szigetköznél | Duna projekt | Flood protection | The project aims to raise the flood security of the population by increasing the dam height at several segments and restoration of engineering works. | Implementation of project | 2009 | No | No | Already done | No | No |
| HU | - | Duna Gönyü-Szob között | Duna projekt | Flood protection | The project aims to raise the flood security of the population by increasing the dam height at several segments and restoration of engineering works. | Implementation of project | 2009 | No | No | Already done | No | No |
| HU | Tisza | Tisza Kiskörétől Hármas-Körösig | Tisza hullámtér: Nagyvízi meder vízszállító képességének helyreállítása a szolnoki vasúti híd és Kis | Flood protection | Between the settlements of Kisköre and Szolnok along the Tisza river the project aims to raise the flood security. The project | Implementation of project | 2009 | No | No | No | No | No |

| Country | River | Water body | Project title | Main purpose | Description | Project status | Start imple-mentation | Expected deterioration of water body status | Trans-boundary impact | SEA | EIA | Exemption WFD Art. 4(7) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | increases the water transport potential of the river bed. | | | | | | | |
| HU | Tisza | Tisza Kiskörétől Hármas-Körösig | Árvízvédelmi fővédvonal fejlesztése, Szolnok város térségi fejlesztése, a Tisza jobb parti 10.02-es | Flood protection | The project aims to raise the flood security of the population in Szolnok. | Implementation of project | 2010 | No | No | No | No | No |
| HU | Berettyó | Berettyó | Berettyó védtöltések fejlesztése a Kis sárréti és a Berettyóújfalui ártéri öblözetekben | Flood protection | The project aims to raise the flood security of the population by reconstruction of the dam, protecting forests and restoration of engineering works. | Implementation of project | 2008 | No | No | No | No | No |
| HU | Duna | Duna Szob-Baja között | Duna-menti árvízvédelmi beruházások Visegrádon | Flood protection | The project aims to raise the flood security of the population in Visegrad. | Implementation of project | 2011 | No | No | No | No | No |
| HU | Duna | Duna Szob-Baja között | Sződliget Község árvízvédelmi fejlesztése | Flood protection | The project aims to raise the flood security of the population in Sződliget. | Implementation of project | 2012 | No | No | No | No | No |
| HU | Mura | Mura | Mura 44+000-48+000 fkm szelvények közötti szakaszának mederrendezése | Flood protection | Pit lakes are too close to the main river bed endangering the shore line to break in. | Planning under preparation | 2015 | No | No | Already done | Already done | Yes |
| HU | Mura | Mura | Murai árvízvédelmi szakasz fejlesztése | Flood protection | The project aims to raise the flood security of the population by | Implementation of project | 2011 | No | No | No | No | No |

| Country | River | Water body | Project title | Main purpose | Description | Project status | Start imple-mentation | Expected deterioration of water body status | Trans-boundary impact | SEA | EIA | Exemption WFD Art. 4(7) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | II. forduló | | increasing the dam height | | | | | | | |
| HU | Fekete-Körös | Fekete-Körös | Mályvádi árvízi szükségtározó fejlesztése. 2. forduló | Flood protection | The project aims to raise the flood security by improving the condition of the Mályvád flood reservoir on the Fekete-Körös by building new segments in the dam for water intake and increasing the height of the dam. | Implementation of project | 2011 | No | No | No | No | No |
| RO | Dunarea | PFII-Chiciu | Imbunatatirea coditiilor de navigatie pe sectorul comun romano-bulgar - Popina - km 403-km 408 | Navigation | Imb.cond. de navig. pe Dunare intre km 824-km403,prin redistrib.debit. intre Dunare si bratele secundare, redirijarea curentilor de apa si calibrarea albiei.12 puncte critice. EIA este in curs de revizuire. | Planning under preparation | 2011 | No | Yes | No | Already done | No |
| RO | Dunarea | PFII-Chiciu | Imbunatatirea coditiilor de navigatie pe sectorul comun romano-bulgar - Corabia - km 626-km 632 | Navigation | Imb.cond. de navig. pe Dunare intre km 824-km403,prin redistrib.debit. intre Dunare si bratele secundare, redirijarea curentilor de apa si calibrarea albiei.12 puncte critice. EIA este in curs de revizuire. | Planning under preparation | 2011 | No | Yes | No | Already done | No |
| RO | Dunarea | PFII-Chiciu | Imbunatatirea coditiilor de navigatie pe | Navigation | Imb.cond. de navig. pe Dunare intre km 824-km403,prin | Planning under preparation | 2011 | No | Yes | No | Already done | No |

| Country | River | Water body | Project title | Main purpose | Description | Project status | Start imple-mentation | Expected deterioration of water body status | Trans-boundary impact | SEA | EIA | Exemption WFD Art. 4(7) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | sectorul comun romano-bulgar - Bechet - km 675-km 678 | | redistrib.debit. intre Dunare si bratele secundare, redirijarea curentilor de apa si calibrarea albiei.12 puncte critice. EIA este in curs de revizuire. | | | | | | | |
| RO | Dunarea | PFII-Chiciu | Imbunatatirea coditiilor de navigatie pe sectorul comun romano-bulgar - Dobrina - km 758-km 760 | Navigation | Imb.cond. de navig. pe Dunare intre km 824-km403,prin redistrib.debit. intre Dunare si bratele secundare, redirijarea curentilor de apa si calibrarea albiei.12 puncte critice. EIA este in curs de revizuire. | Planning under preparation | 2011 | No | Yes | No | Already done | No |
| RO | Dunarea | PFII-Chiciu | Imbunatatirea coditiilor de navigatie pe sectorul comun romano-bulgar - B.Secia - km 783-km 786 | Navigation | Imb.cond. de navig. pe Dunare intre km 824-km403,prin redistrib.debit. intre Dunare si bratele secundare, redirijarea curentilor de apa si calibrarea albiei.12 puncte critice. EIA este in curs de revizuire. | Planning under preparation | 2011 | No | Yes | No | Already done | No |
| RO | Dunarea | PFII-Chiciu | Imbunatatirea coditiilor de navigatie pe sectorul comun romano-bulgar - Salcia - km 820-km 824 | Navigation | Imb.cond. de navig. pe Dunare intre km 824-km403,prin redistrib.debit. intre Dunare si bratele secundare, redirijarea curentilor de apa si calibrarea albiei.12 puncte critice. EIA este in | Planning under preparation | 2011 | No | Yes | No | Already done | No |

| Country | River | Water body | Project title | Main purpose | Description | Project status | Start imple-mentation | Expected deterioration of water body status | Trans-boundary impact | SEA | EIA | Exemption WFD Art. 4(7) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | curs de revizuire. | | | | | | | |
| RO | Dunarea | Chiciu-Isaccea | Imbunatatirea conditiilor de navigatie pe Dunare intre Calarasi si Braila km 375-km175 - etapa I | Navigation | Executie lucrari hidrotehnice: km 196-km 197 (bifurcatia bratului Caleea) | Implementation of project | 2011 | No | No | No | Already done | No |
| RO | Dunarea | Chiciu-Isaccea | Imbunatatirea conditiilor de navigatie pe Dunare intre Calarasi si Braila km 375-km175 - etapa I | Navigation | Executie lucrari hidrotehnice: km 196-km 197 (bifurcatia bratului Caleea) | Implementation of project | 2011 | No | No | No | Already done | No |
| RO | Dunarea | Chiciu-Isaccea | Imbunatatirea conditiilor de navigatie pe Dunare intre Calarasi si Braila km 375-km175 - etapa I | Navigation | Executie lucrari hidrotehnice: km 341-km 342 (bifurcatia bratului Epurasu) | Implementation of project | 2011 | No | No | No | Already done | No |
| RO | Dunarea | Chiciu-Isaccea | Imbunatatirea conditiilor de navigatie pe Dunare intre Calarasi si Braila km 375-km175 - etapa I | Navigation | Executie lucrari hidrotehnice: km 341-km 342 (bifurcatia bratului Epurasu) | Implementation of project | 2011 | No | No | No | Already done | No |
| RO | Dunarea | Chiciu-Isaccea | Imbunatatirea conditiilor de navigatie pe Dunare intre Calarasi si Braila km 375-km175 - etapa I | Navigation | Executie lucrari hidrotehnice: km 345-km 346 (bifurcatia bratului Bala din Dunare) | Implementation of project | 2011 | No | No | No | Already done | No |
| RO | Dunarea | Chiciu-Isaccea | Imbunatatirea conditiilor de navigatie pe | Navigation | Executie lucrari hidrotehnice: km 345-km 346 | Implementation of project | 2011 | No | No | No | Already done | No |

| Country | River | Water body | Project title | Main purpose | Description | Project status | Start imple-mentation | Expected deterioration of water body status | Trans-boundary impact | SEA | EIA | Exemption WFD Art. 4(7) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dunare intre Calarasi si Braila km 375-km175 - etapa I | | (bifurcatia bratului Bala din Dunare) | | | | | | | |
| RS | Dunav | Dunav od Novog Sada do RS-HR granice | Documentation for River Training and Dredging Works on Selected Locations along the Danube River | Navigation | The Project aim is to improve navigability of the international waterway on Danube River, between Belgrade and Backa Palanka (RS-HR state border). Documentation is prepared in line with Joint statement | Implementation of project | 2015 | No | No | Already done | Already done | No |
| RS | Dunav | Akumulacija HE Đerdap I od ušća Tise do Novog Sada | Documentation for River Training and Dredging Works on Selected Locations along the Danube River | Navigation | The Project aim is to improve navigability of the international waterway on Danube River, between Belgrade and Backa Palanka (RS-HR state border). Documentation is prepared in line with Joint statement | Implementation of project | 2015 | No | No | Already done | Already done | No |
| RS | Dunav | Akumulacija HE Đerdap I od ušća Save do ušća Tise | Documentation for River Training and Dredging Works on Selected Locations along the Danube River | Navigation | The Project aim is to improve navigability of the international waterway on Danube River, between Belgrade and Backa Palanka (RS-HR state border). Documentation is | Implementation of project | 2015 | No | No | Already done | Already done | No |

| Country | River | Water body | Project title | Main purpose | Description | Project status | Start imple-mentation | Expected deterioration of water body status | Trans-boundary impact | SEA | EIA | Exemption WFD Art. 4(7) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | prepared in line with Joint statement | | | | | | | |
| RS | Dunav | Dunav od RH-HR granice do ušća Drave | River training and dredging works on critical sectors on the RS-HR joint stretch of the Danube River | Navigation | The Project aim is to improve navigability of the international waterway on Danube River,on the common RS-HR sector. | Planning under preparation | 2018 | No | Yes | Already done | No | No |
| RS | Dunav | Dunav uzvodno od ušća Drave | River training and dredging works on critical sectors on the RS-HR joint stretch of the Danube River | Navigation | The Project aim is to improve navigability of the international waterway on Danube River,on the common RS-HR sector. | Planning under preparation | 2018 | No | Yes | Already done | No | No |
| RS | Sava | Sava uzvodno od ušća Drine do RS-HR granice | Sava Waterway Rehabilitation Project | Navigation | The Project is part of a Program to improve navigability in the Sava River between Belgrade, Serbia and Sisak, Croatia. | Officially planned | 2016 | No | Yes | Already done | Intended | No |
| RS | Lim | Lim uzvodno od akumulacije HE Potpeć do RS-ME granice | Projekat izgradnje HE Brodarevo 1 i HE Brodarevo 1 | Hydropower | Hydropower plant 26 MW | Officially planned | Not yet determined | Yes | Yes | Already done | Already done | Yes |
| RS | Lim | Lim uzvodno od akumulacije HE Potpeć do RS-ME granice | Projekat izgradnje HE Brodarevo 1 i HE Brodarevo 2 | Hydropower | Hydropower plant 32,4 MW | Officially planned | Not yet determined | Yes | Yes | Already done | Already done | Yes |
| SI | Sava | VT Sava Krško – Vrbina | Hidroelektrarna Brežice | Hydropower | Hydropower plant | Officially planned | 2008 | Yes | Yes | Already done | No | Yes |
| SI | Sava | VT Sava Krško – Vrbina | Hidroelektrarna Brežice | Hydropower | Hydropower plant | Officially planned | 2008 | Yes | Yes | Already done | No | Yes |

| Country | River | Water body | Project title | Main purpose | Description | Project status | Start imple-mentation | Expected deterioration of water body status | Trans-boundary impact | SEA | EIA | Exemption WFD Art. 4(7) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SI | Sava | VT Sava Krško – Vrbina | Hidroelektrarna Mokrice | Hydropower | Hydropower plant | Officially planned | 2008 | Yes | No | Already done | No | Yes |
| SI | Sava | VT Sava Krško – Vrbina | Hidroelektrarna Mokrice | Hydropower | Hydropower plant | Officially planned | 2008 | Yes | No | Already done | No | Yes |
| UA | Danube | Danube | Bystroe | Navigation | Dredging for creation of deep navigation waterway Danube-Black Sea | Implementation of project | 2004 | Yes | Yes | Already done | Already done | Yes |
| UA | Danube | Danube | Bystroe01 | Navigation | Dredging for creation of deep navigation waterway Danube-Black Sea | Implementation of project | 2004 | Yes | Yes | Already done | Already done | Yes |
| UA | Danube | Danube | Bystroe02 | Navigation | Dredging for creation of deep navigation waterway Danube-Black Sea | Implementation of project | 2004 | Yes | Yes | Already done | Already done | Yes |
| UA | Danube | Danube | Bystroe03 | Navigation | Dredging for creation of deep navigation waterway Danube-Black Sea | Implementation of project | 2004 | Yes | Yes | Already done | Already done | Yes |
| UA | Danube | Danube | Bystroe04 | Navigation | Dredging for creation of deep navigation waterway Danube-Black Sea | Implementation of project | 2004 | Yes | Yes | Already done | Already done | Yes |
| UA | Danube | Danube | Bystroe05 | Navigation | Dredging for creation of deep navigation waterway Danube-Black Sea | Implementation of project | 2004 | Yes | Yes | Already done | Already done | Yes |
| UA | Danube | Danube | Bystroe06 | Navigation | Dredging for creation of deep navigation | Implementation of project | 2004 | Yes | Yes | Already done | Already done | Yes |

| Country | River | Water body | Project title | Main purpose | Description | Project status | Start imple-mentation | Expected deterioration of water body status | Trans-boundary impact | SEA | EIA | Exemption WFD Art. 4(7) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | waterway Danube-Black Sea | | | | | | | |
| UA | Danube | Danube | Bystroe07 | Navigation | Dredging for creation of deep navigation waterway Danube-Black Sea | Implementation of project | 2004 | Yes | Yes | Already done | Already done | Yes |
| UA | Danube | Danube | Bystroe08 | Navigation | Dredging for creation of deep navigation waterway Danube-Black Sea | Implementation of project | 2004 | Yes | Yes | Already done | Already done | Yes |
| UA | Danube | Danube | Bystroe09 | Navigation | Dredging for creation of deep navigation waterway Danube-Black Sea | Implementation of project | 2004 | Yes | Yes | Already done | Already done | Yes |
| UA | Danube | Danube | Bystroe10 | Navigation | Dredging for creation of deep navigation waterway Danube-Black Sea | Implementation of project | 2004 | Yes | Yes | Already done | Already done | Yes |
| UA | Danube | Danube | Bystroe11 | Navigation | Dredging for creation of deep navigation waterway Danube-Black Sea | Implementation of project | 2004 | Yes | Yes | Already done | Already done | Yes |
| UA | Danube | Danube | Bystroe12 | Navigation | Dredging for creation of deep navigation waterway Danube-Black Sea | Implementation of project | 2004 | Yes | Yes | Already done | Already done | Yes |
| UA | Danube | Danube | Bystroe13 | Navigation | Dredging for creation of deep navigation waterway Danube-Black Sea | Implementation of project | 2004 | Yes | Yes | Already done | Already done | Yes |

| Country | River | Water body | Project title | Main purpose | Description | Project status | Start imple-mentation | Expected deterioration of water body status | Trans-boundary impact | SEA | EIA | Exemption WFD Art. 4(7) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| UA | Danube | Danube | Bystroe14 | Navigation | Dredging for creation of deep navigation waterway Danube-Black Sea | Implementation of project | 2004 | Yes | Yes | Already done | Already done | Yes |
| UA | Danube | | Bystroe15 | Navigation | Protective dam for creation of deep navigation waterway Danube-Black Sea | Implementation of project | 2004 | Yes | Yes | Already done | Already done | Yes |

# Detailed results of assessment of risk that the surface water bodies will not fulfil the WFD environmental objectives by 2021

icpdr iksd
International Commission for the Protection of the Danube River
Internationale Kommission zum Schutz der Donau

## ANNEX 4

### "The 2013 Update of the Danube Basin Analysis Report"

| **Water Body code** with country code | **Name of River** | **Name of Water Body** | Risk of failure to achieve environmental objectives by 2021 | | Ongoing pressures likely to persist until 2021 | | | | Pressured likely to appear in future (e.g., from future infrastructure projects) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| DEDEBW_6-01 | Donau | Flussbettkörper Donau oberhalb Beuroner Tal (TBG 60) | Y | Y | N | N | Y | Y | - | - | - | - |
| DEDEBW_6-02 | Donau | Donau ab Beuroner Tal oberhalb Lauchert (TBG 61) | Y | Y | N | N | Y | Y | - | - | - | - |
| DEDEBW_6-03 | Donau | Donau ab Lauchert oberhalb Zwiefalter Ach (TBG 62) | Y | Y | N | N | Y | Y | - | - | - | - |
| DEDEBW_6-04 | Donau | Donau ab Zwiefalter Ach oberh. Riß (TBG 63) | Y | Y | N | N | Y | Y | - | - | - | - |
| DEDEBW_6-05 | Donau | Donau ab Riß oberh. Iller (TBG 64) | Y | Y | N | N | Y | Y | - | - | - | - |
| DEDEBY_1_F030_BW | Donau | Donau von Einmündung Iller bis Einmündung Landgraben bei Offingen | Y | Y | N | N | Y | Y | - | - | - | - |
| DEDEBY_1_F062 | Donau | Donau von Einmündung Landgraben bei Offingen bis Staustufe Donauwörth | Y | Y | N | N | Y | Y | - | - | - | - |
| DEDEBY_1_F074 | Donau | Donau von Donauwörth bis Einmündung Lech | Y | Y | Y | Y | Y | N | - | - | - | - |
| DEDEBY_1_F163 | Donau | Donau von Einmündung Lech bis Einmündung Paar | Y | Y | Y | Y | Y | N | - | - | - | - |
| DEDEBY_1_F204 | Donau | Donau Einmündung Paar bis Staubing (Fkm 165) | Y | Y | Y | Y | Y | Y | - | - | - | - |

| **Water Body code** with country code | **Name of River** | **Name of Water Body** | Risk of failure to achieve environmental objectives by 2021 | | Ongoing pressures likely to persist until 2021 | | | | Pressured likely to appear in future (e.g., from future infrastructure projects) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| DEDEBY_1_F205 | Donau | Donau von Staubing bis Einmündung Main-Donau-Kanal | Y | Y | Y | Y | Y | Y | - | - | - | - |
| DEDEBY_1_F223 | Donau | Donau von Einmündung Main-Donau-Kanal bis Einmündung Naab | Y | Y | Y | Y | Y | Y | - | - | - | - |
| DEDEBY_1_F348 | Donau | Donau von Einmündung Naab bis Einmündung Große Laber | Y | Y | Y | Y | Y | Y | - | - | - | - |
| DEDEBY_1_F361 | Donau | Donau von Einmündung Große Laber bis Einmündung Isar | Y | Y | Y | Y | Y | N | - | - | - | - |
| DEDEBY_1_F477 | Donau | Donau von Einmündung Isar bis Einmündung Vils | Y | Y | Y | Y | Y | N | - | - | - | - |
| DEDEBY_1_F478 | Donau | Donau von Einmündung Vils bis Einmündung Inn | Y | Y | Y | Y | Y | N | - | - | - | - |
| DEDEBY_1_F633 | Donau | Donau von Passau bis Staatsgrenze | Y | Y | Y | Y | Y | Y | - | - | - | - |
| ATOK303070000 | Donau | Donau | Y | Y | N | N | N | Y | - | - | - | - |
| ATOK410360003 | Donau | Donau-Aschach | Y | N | N | N | N | Y | - | - | - | - |
| ATOK410360005 | Donau | Donau-Ottensheim_Wilhering | Y | N | N | N | N | Y | - | - | - | - |

| **Water Body code** with country code | **Name of River** | **Name of Water Body** | Risk of failure to achieve environmental objectives by 2021 | | Ongoing pressures likely to persist until 2021 | | | | Pressured likely to appear in future (e.g., from future infrastructure projects) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| ATOK410360007 | Donau | Donau_10, KW Ottensheim_Wilhering bis KW Abwinden_Asten, EP groß | Y | N | N | N | N | Y | - | - | - | - |
| ATOK410360009 | Donau | Donau_09 KW Abwinden_Asten bis KW Wallsee_Mitterkirchen, EP groß | Y | N | N | N | N | Y | - | - | - | - |
| ATOK410360012 | Donau | Donau_08, KW Wallsee_Mitterkirchen bis KW Ybbs_Persenbeug, EP groß | Y | N | N | N | N | Y | - | - | - | - |
| ATOK410360002 | Donau | Donau_07, KW Ybbs Persenbeug bis KW Melk, EP groß | Y | N | N | N | N | Y | - | - | - | - |
| ATOK410350000 | Donau | Donau_06, KW Melk bis Mautern, EP groß | Y | N | N | N | N | Y | - | - | - | - |
| ATOK409040012 | Donau | Donau_05, Mautern bis KW Altenwörth, EP groß | Y | N | N | N | N | Y | - | - | - | - |
| ATOK409040011 | Donau | Donau_04, KW Altenwörth bis KW Greifenstein, EP groß | Y | N | N | N | N | Y | - | - | - | - |
| ATOK409040009 | Donau | Donau_03, KW Greifenstein bis KW Freudenau, EP groß | Y | N | N | Y | N | Y | - | - | - | - |
| ATOK409040008 | Donau | Donau_02, KW Freudenau bis Devin, EP groß | Y | N | N | N | N | Y | - | - | - | - |
| ATOK411340000 | Donau | Donau_01, unterhalb Devin, EP groß | Y | N | N | N | N | Y | - | - | - | - |

| **Water Body code** with country code | **Name of River** | **Name of Water Body** | Risk of failure to achieve environmental objectives by 2021 | | Ongoing pressures likely to persist until 2021 | | | | Pressured likely to appear in future (e.g., from future infrastructure projects) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| SKD0016 | Dunaj | Dunaj | Y | N | N | N | N | Y | - | - | - | - |
| SKD0019 | Dunaj | Dunaj | Y | N | N | N | N | Y | - | - | - | - |
| SKD0017 | Dunaj | Dunaj | Y | N | N | N | N | Y | - | - | - | - |
| HUAEP443 | Duna, Duna-mellékág | Duna Szigetköznél | Y | N | N | N | N | N | N | N | N | N |
| SKD0018 | Dunaj | Dunaj | Y | N | N | Y | N | Y | - | - | - | - |
| HUAEP446 | Duna | Duna Gönyü-Szob között | Y | N | Y | N | N | N | N | N | N | N |
| HUAEP444 | Szentendrei-Duna | Duna Szob-Baja között | Y | N | Y | N | N | N | N | N | N | N |
| HUAEP445 | Duna | Duna Bajától délre | Y | N | Y | N | N | N | N | N | N | N |
| HRDDRI010002 | Dunav | DDRI010002 | Y | Y | N | Y | Y | Y | N | N | N | N |
| RSD10 | Dunav | Dunav uzvodno od ušća Drave | Y | Y | Y | Y | Y | - | - | - | - | - |

| **Water Body code** with country code | **Name of River** | **Name of Water Body** | Risk of failure to achieve environmental objectives by 2021 | | Ongoing pressures likely to persist until 2021 | | | | Pressured likely to appear in future (e.g., from future infrastructure projects) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| HRDDRI010001 | Dunav | DDRI010001 | Y | Y | N | Y | Y | Y | N | N | N | N |
| RSD9 | Dunav | Dunav od RH-HR granice do ušća Drave | Y | Y | Y | Y | Y | - | - | - | - | - |
| RSD8 | Dunav | Dunav od Novog Sada do RS-HR granice | Y | Y | Y | Y | Y | - | - | - | - | - |
| RORW14.1_B1 | Dunarea | PFI | N | N | N | N | N | N | N | N | N | N |
| RSD7 | Dunav | Akumulacija HE Đerdap I od ušća Tise do Novog Sada | Y | Y | Y | Y | Y | Y | - | - | - | - |
| RORW14.1_B2 | Dunarea | PFII | N | N | N | N | N | N | N | N | N | N |
| RSD6 | Dunav | Akumulacija HE Đerdap I od ušća Save do ušća Tise | Y | Y | Y | N | Y | Y | - | - | - | - |
| RSD5 | Dunav | Akumulacija HE Đerdap I od ušća Velike Morave do ušća Save | Y | Y | Y | Y | Y | Y | - | - | - | - |
| RSD4 | Dunav | Akumulacija HE Đerdap I od ušća Nere do ušća Velike Morave | Y | Y | Y | N | Y | Y | - | - | - | - |
| RSD3 | Dunav | Akumulacija HE Đerdap I do ušća Nere | Y | Y | N | N | Y | Y | - | - | - | - |

| **Water Body code** with country code | **Name of River** | **Name of Water Body** | Risk of failure to achieve environmental objectives by 2021 | | Ongoing pressures likely to persist until 2021 | | | | Pressured likely to appear in future (e.g., from future infrastructure projects) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| RORW14.1_B3 | Dunarea | PFII-Chiciu | N | N | N | N | N | N | N | N | N | N |
| RSD2 | Dunav | Akumulacija HE Đerdap II | Y | Y | N | N | Y | Y | - | - | - | - |
| RSD1 | Dunav | Dunav nizvodno od HE Đerdap II | Y | Y | N | Y | Y | - | - | - | - | - |
| BG1DU000R001 | Dunav | DUNAV RWB01 | Y | Y | Y | Y | Y | Y | N | N | N | Y |
| RORW14.1_B4 | Dunarea | Chiciu-Isaccea | N | N | N | N | N | N | N | N | N | N |
| UADb | Danube | Danube | - | - | - | - | - | - | - | - | - | - |
| RORW14.1_B6 | Dunarea | Chilia | N | N | N | N | N | N | N | N | N | N |
| RORW14.1_B5 | Dunarea | Isaccea-Sulina | N | N | N | N | N | N | N | N | N | N |
| RORW14.1_B7 | Dunarea | Sf. Gheorghe | N | N | N | N | N | N | N | N | N | N |

| **Water Body code** with country code | **Name of River** | **Name of Water Body** | Risk of failure to achieve environmental objectives by 2021 | | Ongoing pressures likely to persist until 2021 | | | | Pressured likely to appear in future (e.g., from future infrastructure projects) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| DEDEBY_1_F121 | Lech | Lech mit Lechfall von Staatsgrenze bis Theresienbrücke Füssen (Fkm 168,5 - 166,3) | N | Y | N | N | Y | N | - | - | - | - |
| DEDEBY_1_F122 | Lech | Lech von Einmündung Lechkanal Meitingen bis Mündung in die Donau | Y | Y | Y | Y | Y | Y | - | - | - | - |
| DEDEBY_1_F124 | Lech | Lech Mutterbett von Einmündung Wertach bis Einmündung Lechkanal bei Ostendorf | Y | Y | N | N | Y | N | - | - | - | - |
| DEDEBY_1_F125 | Lech | Lech von Fkm 139 bis Fkm 133 (Litzauer Schleife) | Y | Y | N | N | Y | Y | - | - | - | - |
| DEDEBY_1_F126 | Lech | Lech Mutterbett vom Hochablass Augsburg bis Einmündung Wertach | Y | Y | N | N | Y | Y | - | - | - | - |
| DEDEBY_1_F127 | Lech | Lech von Staustufe 23 bis zum Hochablass Augsburg | Y | Y | N | N | Y | Y | - | - | - | - |
| DEDEBY_1_F128 | Lech | Lech von Staustufe 1 bis Staustufe 4 (Kraftwerk Roßhaupten bis Fkm 139) | Y | Y | N | N | Y | Y | - | - | - | - |
| DEDEBY_1_F129 | Lech | Lech von Theresienbrücke Füssen bis Staustufe 1 (Kraftwerk Roßhaupten) | N | Y | N | N | Y | N | - | - | - | - |
| DEDEBY_1_F130 | Lech | Lech von Staustufe 15 bis Eisenbahnbrücke in Kaufering | Y | Y | N | N | Y | Y | - | - | - | - |
| DEDEBY_1_F131 | Lech | Lech von Eisenbahnbrücke in Kaufering bis Staustufe 23 | Y | Y | N | N | Y | Y | - | - | - | - |
| DEDEBY_1_F132 | Lech | Lech von Mündung in Schongauer Lechsee bis Staustufe 15 | Y | Y | N | N | Y | Y | - | - | - | - |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| DEDEBY_1_F226 | Main-Donau-Kanal | Main-Donau-Kanal (Altmühl) von Dietfurt bis Mündung in die Donau | Y | Y | Y | Y | Y | Y | - | - | - | - |
| DEDEBY_1_F243 | Main-Donau-Kanal | Main-Donau-Kanal von Pierheim bis Dietfurt | Y | Y | Y | Y | Y | N | - | - | - | - |
| DEDEBY_1_F251 | Naab | Tirschenreuther Waldnaab unterhalb Tirschenreuth (Fkm 168,8), Waldnaab bis Zusammenfluss mit der Hai | Y | Y | N | N | Y | Y | - | - | - | - |
| DEDEBY_1_F252 | Naab | Tirschenreuther Waldnaab oh. WSP Liebenstein; Heiligenbach | Y | Y | Y | Y | Y | Y | - | - | - | - |
| DEDEBY_1_F253 | Naab | Tir. Waldnaab ab Einmündung in Liebensteinspeicher bis Tirschenreuth (Fkm 168,8); Geisbach von Krie | Y | Y | Y | Y | Y | Y | - | - | - | - |
| DEDEBY_1_F273 | Naab | Naab von Zusammenfluss Haidenaab und Waldnaab bis Mündung in die Donau | Y | Y | Y | Y | Y | N | - | - | - | - |
| DEDEBY_1_F373 | Isar | Isar von Staatsgrenze bis zum Krüner Wehr | N | Y | N | N | Y | N | - | - | - | - |
| DEDEBY_1_F374 | Isar | Isar vom Krüner Wehr bis Sylvensteinspeicher | N | Y | N | N | Y | N | - | - | - | - |
| DEDEBY_1_F375 | Isar | Isar vom Sylvensteinspeicher bis Bad Tölz (Fkm 202,8) | Y | Y | N | N | Y | Y | - | - | - | - |
| DEDEBY_1_F376 | Isar | Isar von Fkm 202,8 bis Fkm 195 (Bad Tölz) | Y | Y | N | N | Y | Y | - | - | - | - |
| DEDEBY_1_F377 | Isar | Isar von Fkm 195 bis Einmündung der Loisach | N | Y | N | N | Y | N | - | - | - | - |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| DEDEBY_1_F402 | Isar | Isar von Einmündung der Loisach bis Corneliuswehr | N | Y | N | N | Y | N | - | - | - | - |
| DEDEBY_1_F403 | Isar | Isar von Corneliuswehr bis Oberföhringer Wehr | N | Y | N | N | Y | N | - | - | - | - |
| DEDEBY_1_F404 | Isar | Isar von Anfang Mittlerer Isarkanal bis Moosburg | N | Y | N | N | Y | N | - | - | - | - |
| DEDEBY_1_F405 | Isar | Isar von Einmündung der Amper bis Einmündung des Mittleren-Isar-Kanals | N | Y | N | N | Y | N | - | - | - | - |
| DEDEBY_1_F406 | Isar | Isar von Moosburg bis Einmündung der Amper | Y | Y | Y | Y | Y | Y | - | - | - | - |
| DEDEBY_1_F429 | Isar | Isar von Einmündung des Mittleren-Isar-Kanals bis Stützkraftstufe Pielweichs bei Plattling; Kleine | Y | Y | Y | Y | Y | Y | - | - | - | - |
| DEDEBY_1_F430 | Isar | Isar von Plattling bis Mündung in die Donau | Y | Y | N | N | Y | Y | - | - | - | - |
| DEDEBY_1_F508 | Inn | Inn von der Einmündung Rott bis Innstau Passau-Ingling | Y | Y | N | N | Y | Y | - | - | - | - |
| DEDEBY_1_F509 | Inn | Inn von Innstau Passau-Ingling bis Mündung in die Donau | N | Y | N | N | Y | Y | - | - | - | - |
| DEDEBY_1_F519 | Inn | Inn von Staatsgrenze bis Einmündung der Mangfall; Moosbach; Altwasser; Husarenbach | Y | Y | N | N | Y | Y | - | - | - | - |
| DEDEBY_1_F556 | Inn | Inn von Einmündung Innwerkkanal bis Einmündung Alz | N | Y | N | N | Y | N | - | - | - | - |

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| DEDEBY_1_F557 | Inn | Inn von Ausleitung Innwerkkanal bis Einmündung Innwerkkanal | Y | Y | N | N | Y | Y | - | - | - | - |
| DEDEBY_1_F558 | Inn | Inn von Einmündung der Mangfall bis Jettenbach | N | Y | N | N | Y | N | - | - | - | - |
| DEDEBY_1_F583 | Inn | Inn von Einmündung Alz bis Einmündung der Salzach | Y | Y | N | N | Y | N | - | - | - | - |
| DEDEBY_1_F608 | Inn | Inn von Einmündung der Salzach bis Einmündung Rott | Y | Y | N | N | Y | Y | - | - | - | - |
| DEDEBY_1_F611 | Salzach | Salzach von Einmündung der Saalach bis Mündung in den Inn | Y | Y | N | N | Y | Y | - | - | - | - |
| ATOK1000960015 | Raab | Raab | Y | N | N | N | N | Y | - | - | - | - |
| ATOK1000960017 | Raab | Raab | N | N | N | N | N | N | - | - | - | - |
| ATOK1000960019 | Raab | Raab | Y | N | N | N | N | Y | - | - | - | - |
| ATOK1000960020 | Raab | Raab | Y | N | N | N | N | Y | - | - | - | - |
| ATOK1001040041 | Raab | Raab_Neumarkt | Y | N | N | Y | N | N | - | - | - | - |
| ATOK1001040042 | Raab | Raab_St. Martin | Y | N | N | Y | N | Y | - | - | - | - |

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| ATOK1001040098 | Raab | Raab | Y | N | N | Y | N | Y | - | - | - | - |
| ATOK1001040102 | Raab | Raab | Y | N | N | Y | N | N | - | - | - | - |
| ATOK1001040105 | Raab | Raab | Y | N | N | Y | N | Y | - | - | - | - |
| ATOK1001040108 | Raab | Raab | Y | N | N | N | N | Y | - | - | - | - |
| ATOK1001040109 | Raab | Raab | Y | N | N | N | N | Y | - | - | - | - |
| ATOK1001760000 | Spratzbach | Spratzbach_02, ER | Y | N | N | N | N | Y | - | - | - | - |
| ATOK1001790012 | Rabnitz | Rabnitz_Piringsdorf | Y | N | N | Y | N | Y | - | - | - | - |
| ATOK1001790013 | Rabnitz | Rabnitz_Oberrabnitz | Y | N | N | Y | N | Y | - | - | - | - |
| ATOK1001790035 | Rabnitz | Rabnitz_Unterloisdorf | Y | N | N | Y | N | Y | - | - | - | - |
| ATOK1001790039 | Rabnitz | Rabnitz_Frankenau | Y | N | N | Y | N | Y | - | - | - | - |
| ATOK1002140000 | Raab | Raab_Grenzstrecke | Y | N | N | Y | N | N | - | - | - | - |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| ATOK1002160000 | Raab | Raab | Y | N | N | N | N | Y | - | - | - | - |
| ATOK1002370000 | Rabnitz | Rabnitz_01, MR | N | N | N | N | N | N | - | - | - | - |
| ATOK1002370003 | Spratzbach | Spratzbach_01 | N | N | N | N | N | N | - | - | - | - |
| ATOK301500000 | Lech | Lech, Formarinbach, Spullerbach | N | N | N | N | N | N | - | - | - | - |
| ATOK301860007 | Isar | Isar_10 | N | N | N | N | N | N | - | - | - | - |
| ATOK301860008 | Isar | Isar_11 | Y | N | N | N | N | Y | - | - | - | - |
| ATOK302340001 | Isar | Isar_1 | Y | N | N | N | N | Y | - | - | - | - |
| ATOK302340002 | Isar | Isar_2 | N | N | N | N | N | N | - | - | - | - |
| ATOK302370006 | Lech | Lech | N | N | N | N | N | N | - | - | - | - |
| ATOK302370007 | Lech | Lech | N | N | N | N | N | N | - | - | - | - |
| ATOK302370009 | Lech | Lech_1 | Y | N | N | N | N | Y | - | - | - | - |

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| ATOK302370010 | Lech | Lech_2 | Y | N | N | N | N | Y | - | - | - | - |
| ATOK302370011 | Lech | Lech_1 | N | N | N | N | N | N | - | - | - | - |
| ATOK302370013 | Lech | Lech_2_1 | N | N | N | N | N | N | - | - | - | - |
| ATOK302370014 | Lech | Lech_2_2 | N | N | N | N | N | N | - | - | - | - |
| ATOK304690001 | Salzach | Gewässer: Salzach, Abschnitt: Gasteinerachenmündung bis KW Ausleitung in Högmoos | Y | N | N | N | N | Y | - | - | - | - |
| ATOK304690002 | Salzach | Gewässer: Salzach, Abschnitt: KW Ausleitung in Högmoos bis Fuscherachenmündung | Y | N | N | N | N | Y | - | - | - | - |
| ATOK304690003 | Salzach | Gewässer: Salzach, Abschnitt: Fuscherachenmündung bis Mündung Felber Ache | Y | N | N | N | N | Y | - | - | - | - |
| ATOK304690004 | Salzach | Gewässer: Salzach, Abschnitt: Mündung Felber Ache bis Trattenbachmündung | Y | N | N | N | N | Y | - | - | - | - |
| ATOK304690005 | Salzach | Gewässer: Salzach, Abschnitt: Trattenbachmündung bis Mündung Krimmlerache | N | N | N | N | N | N | - | - | - | - |
| ATOK304690006 | Salzach | Gewässer: Salzach, Abschnitt: Ende Fischlebensraum bis Überleitung Durlassboden | Y | N | N | N | N | Y | - | - | - | - |
| ATOK304690007 | Salzach | Gewässer: Salzach, Abschnitt: Überleitung Durlassboden bis Nähe Salzachjochütte | N | N | N | N | N | N | - | - | - | - |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| ATOK304690078 | Salzach | Gewässer: Salzach, Abschnitt: Krimmlerachenmündung bis Ende Fischlebensraum | N | N | N | N | N | N | - | - | - | - |
| ATOK304980003 | Inn | Inn | Y | N | N | N | N | Y | - | - | - | - |
| ATOK304980005 | Inn | Inn_1 | Y | N | N | N | N | Y | - | - | - | - |
| ATOK304980006 | Inn | Inn_2 | Y | N | N | N | N | Y | - | - | - | - |
| ATOK304980007 | Inn | Inn_1 | Y | N | N | N | N | Y | - | - | - | - |
| ATOK304980008 | Inn | Inn_2 | Y | N | N | N | N | Y | - | - | - | - |
| ATOK304980009 | Inn | Inn_3 | Y | N | N | N | N | Y | - | - | - | - |
| ATOK304980010 | Inn | Inn_4 | Y | N | N | N | N | Y | - | - | - | - |
| ATOK305000000 | Salzach | Gewässer: Salzach, Abschnitt: Nähe Salzachjochhütte bis Ursprung | N | N | N | N | N | N | - | - | - | - |
| ATOK305340003 | Inn | Inn_Ingling | Y | N | N | N | N | Y | - | - | - | - |
| ATOK305340005 | Inn | Inn_Schärding_Neuhaus | Y | N | N | N | N | Y | - | - | - | - |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| ATOK305340007 | Inn | Inn_Egglfing_Obernberg | Y | N | N | N | N | Y | - | - | - | - |
| ATOK305340009 | Inn | Inn_Ering_Frauenstein | Y | Y | N | N | N | Y | - | - | - | - |
| ATOK305340010 | Inn | Inn_Braunau_Simbach | Y | Y | N | N | N | Y | - | - | - | - |
| ATOK305350001 | Salzach | Gewässer: Salzach, Abschnitt: Blühnbachmündung bis Mündung Kleinarlerache | Y | N | N | N | N | Y | - | - | - | - |
| ATOK305350002 | Salzach | Gewässer: Salzach, Abschnitt: Tauglmündung bis Blühnbachmündung | Y | N | N | N | N | Y | - | - | - | - |
| ATOK305350003 | Salzach | Gewässer: Salzach, Abschnitt: Mündung der Oberalm bis zur Tauglmündung | Y | N | N | N | N | Y | - | - | - | - |
| ATOK305350004 | Salzach | Gewässer: Salzach, Abschnitt: von der Saalachmündung bis KW Urstein | Y | N | N | N | N | Y | - | - | - | - |
| ATOK305350006 | Salzach | Gewässer: Salzach, Abschnitt: KW Urstein bis Mündung der Oberalm | Y | N | N | N | N | Y | - | - | - | - |
| ATOK305360001 | Salzach | Gewässer: Salzach, Abschnitt: Stauraum KW Wallnerau bis zur Mündung Gasteinerache | Y | N | N | N | N | Y | - | - | - | - |
| ATOK305360002 | Salzach | Gewässer: Salzach, Abschnitt: Kleinarlerachenmündung bis zum Stauraum KW Wallerau | Y | N | N | N | N | Y | - | - | - | - |
| ATOK305850006 | Inn | Inn_1 | Y | N | N | N | N | Y | - | - | - | - |

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| ATOK305850010 | Inn | Inn_6 | Y | N | N | N | N | Y | - | - | - | - |
| ATOK305850011 | Inn | Inn_5 | Y | N | N | N | N | Y | - | - | - | - |
| ATOK307030000 | Inn | Inn | Y | N | N | N | N | Y | - | - | - | - |
| ATOK307080000 | Lech | Lech | N | N | N | N | N | N | - | - | - | - |
| ATOK307200001 | Salzach | Salzach_Mündung | Y | N | N | N | N | Y | - | - | - | - |
| ATOK307200002 | Salzach | Salzach | Y | N | N | N | N | Y | - | - | - | - |
| ATOK307200003 | Salzach | Gewässer: Salzach, Abschnitt: Landesgrenze bis Saalachmündung | Y | N | N | N | N | Y | - | - | - | - |
| ATOK307210001 | Inn | Inn_1 | N | N | N | N | N | N | - | - | - | - |
| ATOK307210002 | Inn | Inn_2 | N | N | N | N | N | N | - | - | - | - |
| ATOK400240027 | Enns | Gewässer: Enns, Abschnitt: Landesgrenze bis Radstadt | Y | N | N | N | N | Y | - | - | - | - |
| ATOK400240089 | Enns | Enns | N | N | N | N | N | N | - | - | - | - |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| ATOK400240090 | Enns | Enns | N | N | N | N | N | N | - | - | - | - |
| ATOK400240092 | Enns | Enns | Y | N | N | N | N | Y | - | - | - | - |
| ATOK400240103 | Enns | Gewässer: Enns, Abschnitt: Ende Fischlebensraum bis Labgeggbach | N | N | N | N | N | N | - | - | - | - |
| ATOK400240104 | Enns | Gewässer: Enns, Abschnitt: Langeggbach bis Ursprung | N | N | N | N | N | N | - | - | - | - |
| ATOK400240105 | Enns | Gewässer: Enns, Abschnitt: Radstadt bis Altenmarkt | Y | N | N | N | N | Y | - | - | - | - |
| ATOK400240106 | Enns | Gewässer: Enns, Abschnitt: Altenmarkt bis Ende Fischlebensraum | Y | N | N | N | N | Y | - | - | - | - |
| ATOK400240163 | Enns | Oberhalb Flachau bis Grenze Fischlebensraum | Y | N | N | N | N | Y | - | - | - | - |
| ATOK400780000 | Traun | Toplitzbach | N | N | N | N | N | N | - | - | - | - |
| ATOK400780002 | Traun | Traun-Ursprung | N | N | N | N | N | N | - | - | - | - |
| ATOK401220004 | Traun | Traun | N | N | N | N | N | N | - | - | - | - |
| ATOK401220012 | Traun | Traun | Y | N | N | N | N | Y | - | - | - | - |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| ATOK401220014 | Traun | Traun_Obertaun | N | N | N | N | N | N | - | - | - | - |
| ATOK401220015 | Traun | Traun_Koppenschlucht_HMSG | N | N | N | N | N | N | - | - | - | - |
| ATOK409920001 | Traun | Traun | Y | N | N | N | N | Y | - | - | - | - |
| ATOK409970000 | Enns | Enns | Y | N | N | N | N | Y | - | - | - | - |
| ATOK411130001 | Traun | Traun | Y | N | N | N | N | Y | - | - | - | - |
| ATOK411250006 | Enns | Enns_Hafen Donaurückstau | Y | N | N | N | N | Y | - | - | - | - |
| ATOK411250008 | Enns | Enns | Y | N | N | N | N | Y | - | - | - | - |
| ATOK411250009 | Enns | Enns Gesäuse | N | N | N | N | N | N | - | - | - | - |
| ATOK411250010 | Enns | Enns | Y | N | N | N | N | Y | - | - | - | - |
| ATOK411250012 | Enns | Enns, Enns-Seitenarm | Y | N | N | N | N | Y | - | - | - | - |
| ATOK411250014 | Enns | Enns_Thurnsdorf-Stau | Y | N | N | N | N | Y | - | - | - | - |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| ATOK411250016 | Enns | Enns_Mühlrading-Stau | Y | N | N | N | N | Y | - | - | - | - |
| ATOK411250018 | Enns | Enns_Staning | Y | N | N | N | N | Y | - | - | - | - |
| ATOK411250020 | Enns | Enns_Steyr-Fließstrecke | Y | N | N | N | N | Y | - | - | - | - |
| ATOK411250021 | Enns | Enns_Garsten | Y | N | N | N | N | Y | - | - | - | - |
| ATOK411250023 | Enns | Enns_Rosenau | Y | N | N | N | N | Y | - | - | - | - |
| ATOK411250025 | Enns | Enns_Ternberg | Y | N | N | N | N | Y | - | - | - | - |
| ATOK411250027 | Enns | Enns_Losenstein | Y | N | N | N | N | Y | - | - | - | - |
| ATOK411250029 | Enns | Enns_Großraming | Y | N | N | N | N | Y | - | - | - | - |
| ATOK411250031 | Enns | Enns_Weyer | Y | N | N | N | N | Y | - | - | - | - |
| ATOK411250035 | Enns | Enns_Altennmarkt_1 | Y | N | N | N | N | Y | - | - | - | - |
| ATOK411250036 | Enns | Enns_Hilfswehr-Enns | Y | N | N | N | N | Y | - | - | - | - |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| ATOK411250037 | Enns | Enns_Thurnsdorf RWStrecke | Y | N | N | N | N | Y | - | - | - | - |
| ATOK411970000 | Traun | Grundlseer-Traun, Traun, Vereinigte Traun | Y | N | N | N | N | Y | - | - | - | - |
| ATOK411980001 | Traun | Grundlseer-Traun, Vereinigte Traun | Y | N | N | N | N | Y | - | - | - | - |
| ATOK411980002 | Traun | Grundlseer-Traun | Y | N | N | N | N | Y | - | - | - | - |
| ATOK412090005 | Traun | Traun | N | N | N | N | N | N | - | - | - | - |
| ATOK412090013 | Traun | Traun_Traun | Y | N | N | N | N | Y | - | - | - | - |
| ATOK412090014 | Traun | Traun_Pucking | Y | N | N | N | N | Y | - | - | - | - |
| ATOK412090016 | Traun | Traun_Marchtrenk | Y | N | N | N | N | Y | - | - | - | - |
| ATOK412090018 | Traun | Traun_Wels | Y | N | N | N | N | Y | - | - | - | - |
| ATOK412090020 | Traun | Traun_Welser_Wehr | Y | N | N | N | N | Y | - | - | - | - |
| ATOK412090024 | Traun | Traun_Saag | Y | N | N | N | N | Y | - | - | - | - |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| ATOK412090027 | Traun | Traun_Ebelsberg-Rückstau Donau | Y | N | N | N | N | Y | - | - | - | - |
| ATOK412090028 | Traun | Traun_Ebelsberg-RWStrecke | Y | N | N | N | N | Y | - | - | - | - |
| ATOK412090030 | Traun | Traun_Stadl | Y | N | N | N | N | Y | - | - | - | - |
| ATOK412090031 | Traun | Traun_Lambach | Y | N | N | N | N | Y | - | - | - | - |
| ATOK412090032 | Traun | Traun_Kemating | Y | N | N | N | N | Y | - | - | - | - |
| ATOK412090036 | Traun | Traun | Y | N | N | N | N | Y | - | - | - | - |
| ATOK412090037 | Traun | Traun_Roitham_HMSG | N | N | N | N | N | N | - | - | - | - |
| ATOK412090040 | Traun | Traun_HMSG_Fischerinsel | N | N | N | N | N | N | - | - | - | - |
| ATOK412090042 | Traun | Traun_Laakirchen | Y | N | N | N | N | Y | - | - | - | - |
| ATOK412100001 | Traun | Traun_UW_Gmunden | Y | N | N | N | N | Y | - | - | - | - |
| ATOK412100002 | Traun | Traun_KW_Gmunden | Y | N | N | N | N | Y | - | - | - | - |

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| ATOK500010030 | Thaya | Thaya_07, EP mittel | Y | N | N | Y | N | Y | - | - | - | - |
| ATOK500010031 | Thaya | Thaya_08, EP klein | Y | N | N | Y | N | Y | - | - | - | - |
| ATOK500010036 | Thaya | Thaya_06, EP mittel | Y | N | N | N | N | Y | - | - | - | - |
| ATOK500010038 | Thaya | Thaya_09, EP klein | Y | N | N | Y | N | N | - | - | - | - |
| ATOK500010043 | Thaya | Thaya_07, EP mittel | Y | N | N | N | N | Y | - | - | - | - |
| ATOK500020001 | March | March, MP | Y | N | N | Y | N | Y | - | - | - | - |
| ATOK500040002 | Thaya | Thaya_10, MR | Y | N | N | N | N | Y | - | - | - | - |
| ATOK500040003 | Thaya | Thaya_11, ER | Y | N | N | N | N | Y | - | - | - | - |
| ATOK501710003 | Thaya | Thaya_04, EP mittel 2 | Y | N | N | Y | N | Y | - | - | - | - |
| ATOK501790000 | Thaya | Thaya_01, MP | Y | N | N | Y | N | Y | - | - | - | - |
| ATOK501870001 | Thaya | Thaya_05, EP mittel | Y | N | N | N | N | Y | - | - | - | - |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| ATOK501930000 | Thaya | Thaya_03, EP mittel 2 | Y | N | N | Y | N | Y | - | - | - | - |
| ATOK501940000 | Thaya | Thaya_02, MP | Y | N | N | Y | N | Y | - | - | - | - |
| ATOK801180001 | Mur | Gewässer: Mur, Abschnitt: Landesgrenze bis Kendlbruck; 8011802 | Y | N | N | N | N | Y | - | - | - | - |
| ATOK801180002 | Mur | Gewässer: Mur, Abschnitt: Kendlbruck bis Madling/Thomertalerbach Taurachmündung; 8011801 | Y | N | N | N | N | Y | - | - | - | - |
| ATOK801180003 | Mur | Gewässer: Mur, Abschnitt: Madling/Thomertalerbach bis Taurachmündung | Y | N | N | N | N | Y | - | - | - | - |
| ATOK801180004 | Mur | Gewässer: Mur, Abschnitt: Taurachmündung bis Zederhausbachmündung; 8011805 | Y | N | N | N | N | Y | - | - | - | - |
| ATOK801180005 | Mur | Gewässer: Mur, Abschnitt: Zederhausbach bis Untere Au; 8011806 | N | N | N | N | N | N | - | - | - | - |
| ATOK801180006 | Mur | Gewässer: Mur, Abschnitt: Untere Au bis Murfall | N | N | N | N | N | N | - | - | - | - |
| ATOK801180007 | Mur | Gewässer: Mur, Abschnitt: Murfall bis Rotgüldenbach | Y | N | N | N | N | Y | - | - | - | - |
| ATOK801180008 | Mur | Gewässer: Mur, Abschnitt: Rotgüldenbach bis Dreischuppen; 8011807 | Y | N | N | N | N | Y | - | - | - | - |
| ATOK801180009 | Mur | Gewässer: Mur, Abschnitt: Drei Schuppen bis Nähe Zalußenalm | N | N | N | N | N | N | - | - | - | - |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| ATOK801180028 | Mur | Mur, Mur-Seitenarm St. Georgen | N | N | N | N | N | N | - | - | - | - |
| ATOK801180029 | Mur | Mur | Y | N | N | N | N | Y | - | - | - | - |
| ATOK801180055 | Mur | Mur | N | N | N | N | N | N | - | - | - | - |
| ATOK802710002 | Mur | Mur | Y | N | N | N | N | Y | - | - | - | - |
| ATOK802710008 | Mur | Mur | Y | N | N | N | N | Y | - | - | - | - |
| ATOK802710009 | Mur | Mur | Y | N | N | N | N | Y | - | - | - | - |
| ATOK802710010 | Mur | Mur | Y | N | N | N | N | Y | - | - | - | - |
| ATOK802710012 | Mur | Mur Graz | Y | N | N | N | N | Y | - | - | - | - |
| ATOK802710014 | Mur | Mur | Y | N | N | N | N | Y | - | - | - | - |
| ATOK802710015 | Mur | Mur | Y | N | N | N | N | Y | - | - | - | - |
| ATOK802720001 | Mur | Mur | Y | N | N | N | N | Y | - | - | - | - |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| ATOK802720002 | Mur | Mur | N | N | N | N | N | N | - | - | - | - |
| ATOK802720003 | Mur | Mur | Y | N | N | N | N | Y | - | - | - | - |
| ATOK802720004 | Mur | Mur | N | N | N | N | N | N | - | - | - | - |
| ATOK802720005 | Mur | Mur | Y | N | N | N | N | Y | - | - | - | - |
| ATOK802720006 | Mur | Mur | N | N | N | N | N | N | - | - | - | - |
| ATOK803280000 | Mur | Gewässer: Mur, Abschnitt: Nähe Zalußenalm bis Sticklerhütte | N | N | N | N | N | N | - | - | - | - |
| ATOK803280001 | Mur | Gewässer: Mur, Abschnitt: Sticklerhütte bis Ursprung | N | N | N | N | N | N | - | - | - | - |
| ATOK804000000 | Mur | Mur (Mura) | N | N | N | N | N | N | - | - | - | - |
| ATOK900470001 | Drau | Drau | N | N | N | N | N | N | - | - | - | - |
| ATOK900470003 | Drau | Drau | Y | N | N | N | N | Y | - | - | - | - |
| ATOK900470021 | Drau | Drau | N | N | N | N | N | N | - | - | - | - |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| ATOK900470022 | Drau | Drau | Y | N | N | N | N | Y | - | - | - | - |
| ATOK900470051 | Drau | Drau (inkl. Völkermarkter Stausee) | Y | N | Y | N | N | Y | - | - | - | - |
| ATOK900470055 | Drau | Drau (inkl. Feistritzer Stausee, Ferlacher Stausee)_1_2 | Y | N | N | N | N | Y | - | - | - | - |
| ATOK900470056 | Drau | Drau (inkl. Feistritzer Stausee, Ferlacher Stausee)_1_1_1 | N | N | N | N | N | N | - | - | - | - |
| ATOK900470057 | Drau | Drau (inkl. Feistritzer Stausee, Ferlacher Stausee)_1_1_2 | Y | N | N | N | N | Y | - | - | - | - |
| ATOK903540001 | Drau | Drau | Y | N | N | N | N | Y | - | - | - | - |
| ATOK903540002 | Drau | Drau_1 | N | N | N | N | N | N | - | - | - | - |
| ATOK903540003 | Drau | Drau_2 | Y | N | N | N | N | Y | - | - | - | - |
| ATOK903770000 | Drau | Drau (Drava) | Y | N | Y | N | N | Y | - | - | - | - |
| CZDYJ_0100 | Dyje | Dyje od státní hranice po vzdutí nádrže Vranov, vcetne toku Kreslický potok | N | N | N | N | N | N | N | N | N | N |
| CZDYJ_0160 | Dyje | Dyje od hráze nádrže Vranov po státní hranici | N | N | N | N | N | N | N | N | N | N |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| CZDYJ_0170 | Dyje | Dyje od státní hranice po vzdutí nádrže Znojmo | N | N | N | N | N | N | N | N | N | N |
| CZDYJ_0180 | Dyje | Dyje od vzdutí nádrže Znojmo po státní hranici | Y | Y | N | N | N | Y | N | N | N | Y |
| CZDYJ_0190 | Dyje | Dyje od státní hranice po státní hranici | Y | N | N | Y | N | Y | N | Y | N | Y |
| CZDYJ_0200 | Dyje | Dyje od státní hranice po vzdutí nádrže Nové Mlýny I. – horní | Y | N | N | Y | N | Y | N | Y | N | Y |
| CZDYJ_0300 | Svratka | Svratka od pramene po Bílý potok | N | N | N | N | N | N | N | N | Y | N |
| CZDYJ_0330 | Svratka | Svratka od toku Bílý potok po vzdutí nádrže Vír I. | N | N | N | N | N | N | N | N | N | N |
| CZDYJ_0380 | Svratka | Svratka od hráze nádrže Vír I. po tok Bobruvka (Loucka) | N | Y | N | N | N | N | N | N | N | N |
| CZDYJ_0450 | Svratka | Svratka od toku Bobruvka (Loucka) po vzdutí nádrže Brno | N | N | N | N | N | N | N | N | N | N |
| CZDYJ_0490 | Svratka | Svratka od hráze nádrže Brno po tok Svitava | Y | N | N | N | N | Y | N | N | N | Y |
| CZDYJ_0670 | Svratka | Svratka od toku Svitava po tok Litava (Cézava) | Y | Y | N | N | N | Y | N | N | N | Y |
| CZDYJ_0800 | Svratka | Svratka od toku Litava (Cézava) po vzdutí nádrže Nové Mlýny II. - střední | Y | N | N | Y | N | Y | N | Y | N | Y |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| CZDYJ_1240 | Dyje | Dyje od hráze nádrže Nové Mlýny III. - dolní po tok Odlehcovací rameno Dyje, Poštorná | Y | N | N | Y | N | Y | N | Y | N | Y |
| CZDYJ_1260 | Dyje | Dyje od toku Odlehcovací rameno Dyje, Poštorná po tok Kyjovka (Stupava) | Y | N | N | Y | N | N | N | Y | N | N |
| CZDYJ_1300 | Dyje | Dyje od toku Kyjovka (Stupava) po tok Morava | Y | N | N | Y | N | N | N | Y | N | N |
| CZMOV_0010 | Morava | Morava od pramene po tok Krupá | N | N | N | N | N | N | N | N | N | N |
| CZMOV_0080 | Morava | Morava od toku Krupá po tok Desná | N | Y | N | N | N | N | N | N | N | N |
| CZMOV_0180 | Morava | Morava od toku Desná po soutok s tokem Moravská Sázava | N | N | N | N | N | N | N | N | N | N |
| CZMOV_0310 | Morava | Morava od toku Moravská Sázava po tok Trebuvka | N | Y | N | N | N | N | N | N | N | N |
| CZMOV_0950 | Morava | Morava od toku Becva po tok Haná | Y | N | N | N | N | Y | N | N | N | Y |
| CZMOV_1170 | Morava | Morava od toku Haná po tok Drevnice | Y | N | N | N | N | Y | N | N | Y | Y |
| CZMOV_1290 | Morava | Morava od toku Drevnice po tok Olšava | Y | Y | N | N | N | Y | N | N | Y | Y |
| CZMOV_1390 | Morava | Morava od toku Olšava po tok Radejovka | N | N | N | N | N | N | N | N | N | N |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| CZMOV_1430 | Morava | Morava od toku Radejovka po státní hranici | Y | Y | N | N | N | Y | N | N | N | Y |
| CZMOV_2530 | Morava | Morava od toku Trebuvka po tok Becva | Y | N | N | N | N | Y | N | N | N | Y |
| SKB0001 | Bodrog | Bodrog | Y | N | Y | Y | Y | Y | - | - | - | - |
| SKB0140 | Latorica | Latorica | Y | N | Y | N | Y | Y | - | - | - | - |
| SKB0141 | Laborec | Laborec | N | N | N | N | N | N | - | - | - | - |
| SKB0142 | Laborec | Laborec | Y | N | N | N | N | Y | - | - | - | - |
| SKB0144 | Laborec | Laborec | Y | N | Y | N | N | Y | - | - | - | - |
| SKD0015 | kanál (VN Gabčíkovo) - | Prívodný kanál (VN Gabčíkovo) - Odpadový kanál | Y | N | N | N | N | Y | - | - | - | - |
| SKH0001 | Hornád | Hornád | N | N | N | N | N | N | - | - | - | - |
| SKH0002 | Hornád | Hornád | N | N | N | N | N | N | - | - | - | - |
| SKH0003 | Hornád | Hornád | Y | N | Y | Y | Y | Y | - | - | - | - |

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| SKH0004 | Hornád | Hornád | Y | N | N | Y | N | Y | - | - | - | - |
| SKI0001 | Ipeľ | Ipeľ | N | N | N | N | N | N | - | - | - | - |
| SKI0003 | Ipeľ | Ipeľ | Y | N | N | N | N | Y | - | - | - | - |
| SKI0004 | Ipeľ | Ipeľ | N | N | N | Y | N | Y | - | - | - | - |
| SKM0001 | Morava | Morava | Y | Y | Y | Y | N | Y | - | - | - | - |
| SKM0002 | Morava | Morava | Y | N | N | Y | N | Y | - | - | - | - |
| SKN0001 | Nitra | Nitra | N | N | N | N | N | N | - | - | - | - |
| SKN0002 | Nitra | Nitra | Y | N | Y | N | N | Y | - | - | - | - |
| SKN0003 | Nitra | Nitra | Y | Y | Y | N | Y | Y | - | - | - | - |
| SKN0004 | Nitra | Nitra | Y | Y | Y | Y | Y | Y | - | - | - | - |
| SKR0001 | Hron | Hron | N | N | N | N | N | N | - | - | - | - |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| SKR0002 | Hron | Hron | N | N | N | N | N | N | - | - | - | - |
| SKR0003 | Hron | Hron | Y | N | N | Y | N | Y | - | - | - | - |
| SKR0004 | Hron | Hron | Y | Y | Y | Y | N | Y | - | - | - | - |
| SKR0005 | Hron | Hron | Y | N | N | Y | N | N | - | - | - | - |
| SKS0001 | Slaná | Slaná | N | N | N | N | N | N | - | - | - | - |
| SKS0002 | Slaná | Slaná | Y | N | Y | N | Y | N | - | - | - | - |
| SKS0003 | Slaná | Slaná | Y | N | N | Y | N | Y | - | - | - | - |
| SKT0001 | Tisa | Tisa | Y | N | Y | Y | Y | Y | - | - | - | - |
| SKV0003 | Čierny Váh | Čierny Váh | N | N | N | N | N | N | - | - | - | - |
| SKV0004 | Čierny Váh | Čierny Váh | N | N | N | N | N | N | - | - | - | - |
| SKV0005 | Váh | Váh | N | N | N | N | N | N | - | - | - | - |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| SKV0006 | Váh | Váh | Y | N | N | Y | N | Y | - | - | - | - |
| SKV0007 | Váh | Váh | Y | N | N | Y | N | Y | - | - | - | - |
| SKV0008 | Váh | Váh | Y | N | Y | Y | N | N | - | - | - | - |
| SKV0019 | Váh | Váh | Y | N | Y | N | N | Y | - | - | - | - |
| SKV0027 | Váh | Váh | Y | N | N | Y | Y | Y | - | - | - | - |
| HUAEP322 | Berettyó | Berettyó | Y | Y | Y | N | Y | Y | N | N | N | N |
| HUAEP334 | Bodrog | Bodrog | Y | N | N | N | N | Y | N | N | N | N |
| HUAEP438 | Dráva | Dráva alsó | N | N | N | N | N | N | N | N | N | N |
| HUAEP439 | Dráva | Dráva felső | N | Y | N | N | Y | N | N | N | N | N |
| HUAEP471 | Fehér-Körös | Fehér-Körös | Y | Y | N | N | Y | Y | N | N | N | N |
| HUAEP475 | Fekete-Körös | Fekete-Körös | N | Y | N | N | Y | Y | N | N | N | N |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| HUAEP567 | Hármas-Körös | Hármas-Körös | N | Y | N | N | Y | N | N | N | N | N |
| HUAEP579 | Hernád | Hernád alsó | Y | N | Y | Y | N | Y | N | N | N | N |
| HUAEP580 | Hernád | Hernád felső | Y | N | N | N | N | Y | N | N | N | N |
| HUAEP594 | Hortobágy-Berettyó | Hortobágy-Berettyó | Y | Y | N | Y | Y | N | N | N | N | N |
| HUAEP595 | Hortobágy-főcsatorna | Hortobágy-főcsatorna | Y | Y | Y | Y | Y | Y | N | N | N | N |
| HUAEP596 | Hortobágy-főcsatorna | Hortobágy-főcsatorna dél | Y | Y | Y | Y | Y | Y | N | N | N | N |
| HUAEP597 | Hortobágy-főcsatorna | Hortobágy-főcsatorna észak | Y | Y | N | Y | Y | Y | N | N | N | N |
| HUAEP614 | Ipoly | Ipoly | Y | Y | Y | N | Y | Y | N | N | N | N |
| HUAEP668 | Kettős-Körös | Kettős-Körös | Y | Y | Y | N | Y | Y | N | N | N | N |
| HUAEP783 | Maros | Maros torkolat | Y | Y | N | Y | Y | N | N | N | N | N |
| HUAEP784 | Maros | Maros kelet | Y | N | N | Y | N | N | N | N | N | N |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| HUAEP810 | Mosoni-Duna | Mosoni-Duna alsó | Y | N | Y | N | N | Y | N | N | N | N |
| HUAEP811 | Mosoni-Duna | Mosoni-Duna felső | Y | Y | N | N | Y | Y | N | N | N | N |
| HUAEP812 | Mosoni-Duna | Mosoni-Duna középső | Y | N | N | N | N | Y | N | N | N | N |
| HUAEP816 | Mura | Mura | Y | N | Y | N | N | N | N | N | N | N |
| HUAEP898 | Rába | Rába (Kis-Rábától) | N | N | N | N | N | Y | N | N | N | N |
| HUAEP899 | Rába | Rába (Csörnöc-Herpenyőtől) | N | Y | N | N | Y | N | N | N | N | N |
| HUAEP900 | Rába | Rába (Lapincstól) | Y | N | N | N | N | Y | N | N | N | N |
| HUAEP901 | Rába | Rába (ÉDÁSZ-üzemvízcsatornától) | N | Y | N | N | Y | N | N | N | N | N |
| HUAEP902 | Rába | Rába torkolati szakasz | Y | N | Y | N | N | Y | N | N | N | N |
| HUAEP903 | Rába | Rába (határtól) | Y | Y | N | N | Y | Y | N | N | N | N |
| HUAEP904 | Rábca | Rábca | Y | N | Y | Y | N | Y | N | N | N | N |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| HUAEP919 | Répce | Répce felső | Y | N | Y | N | N | Y | N | N | N | N |
| HUAEP920 | Répce | Répce alsó | Y | Y | Y | Y | Y | Y | N | N | N | N |
| HUAEP921 | Répce | Répce középső | Y | Y | Y | N | Y | Y | N | N | N | N |
| HUAEP931 | Sajó | Sajó felső | Y | N | Y | N | N | N | N | N | N | N |
| HUAEP932 | Sajó | Sajó alsó | Y | Y | N | Y | Y | N | N | N | N | N |
| HUAEP953 | Sebes-Körös | Sebes-Körös felső | Y | Y | Y | N | Y | Y | N | N | N | N |
| HUAEP954 | Sebes-Körös | Sebes-Körös alsó | Y | Y | N | N | Y | Y | N | N | N | N |
| HUAEP958 | Sió | Sió felső | Y | Y | N | Y | Y | Y | N | N | N | N |
| HUAEP959 | Sió | Sió alsó | Y | N | Y | Y | N | N | N | N | N | N |
| HUAEP971 | Szamos | Szamos | Y | Y | N | Y | Y | N | N | N | N | N |
| HUAEQ054 | Tisza | Tisza Túrtól Szipa-főcsatornáig | Y | Y | Y | N | Y | N | N | N | N | N |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| HUAEQ055 | Tisza | Tisza országhatártól Túrig | Y | Y | N | N | Y | N | N | N | N | N |
| HUAEQ056 | Tisza | Tisza Hármas-Köröstől déli országhatárig | Y | Y | N | N | Y | Y | N | N | N | N |
| HUAEQ057 | Tisza | Tisza Szipa-főcsatornától Belfő-csatornáig | Y | Y | Y | N | Y | N | N | N | N | N |
| HUAEQ058 | Tisza | Tisza Belfő-csatornától Keleti-főcsatornáig | Y | Y | N | Y | Y | Y | N | N | N | N |
| HUAEQ059 | Tisza | Tisza Keleti-főcsatornától Tiszabábolnáig | Y | Y | N | N | Y | Y | N | N | N | N |
| HUAEQ060 | Tisza | Tisza Kiskörétől Hármas-Körösig | Y | Y | Y | N | Y | Y | N | N | N | N |
| HUAEQ137 | Zagyva-patak | Zagyva-patak-alsó | Y | N | N | Y | N | Y | N | N | N | N |
| HUAEQ138 | Zagyva-patak | Zagyva-patak felső és Bárna-patak | Y | Y | N | N | Y | Y | N | N | N | N |
| HUAEQ139 | Zagyva | Zagyva felső | Y | Y | N | Y | Y | Y | N | N | N | N |
| HUAEQ140 | Zagyva | Zagyva alsó | Y | N | Y | Y | N | Y | N | N | N | N |
| HUAEQ144 | Zala | Zala forrásvidék | N | Y | N | N | Y | Y | N | N | N | N |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| HUAEQ146 | Zala | Zala (Széplaki-patakig) | Y | N | N | Y | N | Y | N | N | N | N |
| HUAEQ147 | Zala | Zala (Bárándi-patakig) | Y | Y | Y | Y | Y | Y | N | N | N | N |
| HUAIW389 | Tisza | Tisza Tiszabábolnától Kisköréig | N | Y | N | N | Y | N | N | N | N | N |
| SISI111VT5 | Sava | VT Sava izvir – Hrušica | N | N | N | N | N | N | N | N | N | N |
| SISI111VT7 | Sava | MPVT Sava Dolinka HE Moste | Y | N | N | Y | N | Y | N | N | N | N |
| SISI1VT137 | Sava | VT Sava HE Moste – Podbrezje | N | N | N | N | N | N | N | N | N | N |
| SISI1VT150 | Sava | VT Sava Podbrezje – Kranj | N | N | N | N | N | N | N | N | N | N |
| SISI1VT170 | Sava | MPVT Sava Mavčiče – Medvode | Y | N | N | N | N | Y | N | N | N | N |
| SISI1VT310 | Sava | VT Sava Medvode – Podgrad | N | N | N | N | N | N | N | N | N | N |
| SISI1VT519 | Sava | VT Sava Podgrad – Litija | N | N | N | N | N | N | N | N | N | N |
| SISI1VT557 | Sava | VT  Sava Litija – Zidani Most | N | N | N | N | N | N | N | N | N | N |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| SISI1VT713 | Sava | MPVT Sava Vrhovo – Boštanj | Y | Y | N | N | N | Y | N | N | N | N |
| SISI1VT739 | Sava | VT Sava Boštanj – Krško | Y | N | N | N | N | Y | N | N | N | N |
| SISI1VT913 | Sava | VT Sava Krško – Vrbina | N | N | N | N | N | N | N | N | N | N |
| SISI1VT930 | Sava | VT Sava mejni odsek | N | N | N | N | N | N | N | N | N | N |
| SISI21VT13 | Kolpa | VT Kolpa Osilnica - Petrina | N | N | N | N | N | N | N | N | N | N |
| SISI21VT50 | Kolpa | VT Kolpa Petrina - Primostek | Y | N | N | Y | N | N | N | N | N | N |
| SISI21VT70 | Kolpa | VT Kolpa Primostek – Kamanje | N | N | N | N | N | N | N | N | N | N |
| SISI3VT197 | Kanal Hidroelektra | MPVT Drava mejni odsek z Avstrijo | N | N | N | N | N | N | N | N | N | N |
| SISI3VT359 | Kanal Hidroelektra | MPVT Drava Dravograd – Maribor | Y | N | N | N | N | Y | N | N | N | N |
| SISI3VT5171 | Kanal Hidroelektra | VT Drava Maribor – Ptuj | Y | N | N | N | N | Y | N | N | N | N |
| SISI3VT930 | Kanal Hidroelektra | VT Drava Ptuj – Ormož | N | N | N | N | N | N | N | N | N | N |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| SISI3VT970 | Kanal Hidroelektra | VT Drava zadrževalnik Ormoško jezero – Središče ob Dravi | N | N | N | N | N | N | N | N | N | N |
| SISI43VT10 | Mura | VT Mura Ceršak – Petanjci | N | N | N | N | N | N | N | N | N | N |
| SISI43VT30 | Mura | VT Kučnica Mura Petanjci – Gibina | N | N | N | N | N | N | N | N | N | N |
| SISI43VT50 | Mura | VT Mura Gibina – Podturen | Y | N | N | N | Y | N | N | N | N | N |
| HRDDRI020003 | Drava | DDRI020003 | Y | Y | N | N | Y | Y | N | N | N | N |
| HRDDRI020004 | Drava, Mura | DDRI020004 | Y | Y | N | N | Y | Y | N | N | N | N |
| HRDDRI020005 | Drava | DDRI020005 | Y | Y | N | N | Y | Y | N | N | N | N |
| HRDDRI020006 | Drava | DDRI020006 | N | Y | N | N | Y | N | N | N | N | N |
| HRDDRI020007 | Drava | DDRI020007 | Y | Y | N | N | Y | Y | N | N | N | N |
| HRDDRI030001 | Mura | DDRI030001 | Y | Y | Y | Y | Y | Y | N | N | N | N |
| HRDDRI945039 | Drava | DDRI945039 | Y | N | N | N | N | Y | N | N | N | N |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| HRDDRN020001 | Drava | DDRN020001 | Y | Y | Y | N | Y | Y | N | N | N | N |
| HRDDRN020002 | Drava | DDRN020002 | Y | Y | Y | N | Y | Y | N | N | N | N |
| HRDDRN035001 | Mura | DDRN035001 | Y | Y | Y | Y | Y | Y | N | N | N | N |
| HRDSRI010001 | Sava | DSRI010001 | Y | Y | N | N | Y | Y | N | N | N | N |
| HRDSRI010002 | Sava | DSRI010002 | Y | Y | N | N | Y | Y | N | N | N | N |
| HRDSRI010003 | Sava | DSRI010003 | Y | Y | N | N | Y | Y | N | N | N | N |
| HRDSRI010004 | Sava | DSRI010004 | Y | Y | Y | N | Y | Y | N | N | N | N |
| HRDSRI010010 | Sava | DSRI010010 | Y | Y | Y | Y | Y | N | N | N | N | N |
| HRDSRI020003 | Kupa | DSRI020003 | N | Y | N | N | Y | N | N | N | N | N |
| HRDSRI020004 | Kupa | DSRI020004 | N | Y | N | N | Y | N | N | N | N | N |
| HRDSRI030001 | Una | DSRI030001 | N | Y | N | N | Y | N | N | N | N | N |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| HRDSRI030002 | Una | DSRI030002 | Y | Y | Y | N | Y | N | N | N | N | N |
| HRDSRI030003 | Una | DSRI030003 | N | Y | N | N | Y | N | N | N | N | N |
| HRDSRI030004 | Una | DSRI030004 | N | Y | N | N | Y | N | N | N | N | N |
| HRDSRN010005 | Sava | DSRN010005 | Y | Y | N | N | Y | Y | N | N | N | N |
| HRDSRN010006 | Sava | DSRN010006 | Y | Y | N | N | Y | Y | N | N | N | N |
| HRDSRN010007 | Sava | DSRN010007 | Y | Y | N | Y | Y | Y | N | N | N | N |
| HRDSRN010008 | Sava | DSRN010008 | Y | Y | N | N | Y | Y | N | N | N | N |
| HRDSRN010009 | Sava | DSRN010009 | N | Y | N | N | Y | N | N | N | N | N |
| HRDSRN020001 | Dobra, Kupa | DSRN020001 | N | Y | N | N | Y | N | N | N | N | N |
| HRDSRN020002 | Kupa | DSRN020002 | N | Y | N | N | Y | N | N | N | N | N |
| HRDSRN160001 | Lonja | DSRN160001 | Y | Y | Y | Y | Y | Y | N | N | N | N |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| HRDSRN165010 | Lonja | DSRN165010 | Y | Y | Y | Y | Y | Y | N | N | N | N |
| HRDSRN165011 | Česma | DSRN165011 | Y | Y | Y | Y | Y | Y | N | N | N | N |
| HRDSRN165034 | Česma | DSRN165034 | Y | Y | Y | Y | Y | Y | N | N | N | N |
| HRDSRN165051 | Česma | DSRN165051 | Y | Y | Y | Y | Y | Y | N | N | N | N |
| HRDSRN165101 | Česma | DSRN165101 | N | N | N | N | N | N | N | N | N | N |
| HRDSRN935009 | Kupa | DSRN935009 | N | Y | N | N | Y | N | N | N | N | N |
| BABOS_1 | Bosna | BA_BOS_1 | - | - | - | - | - | - | - | - | - | - |
| BABOS_2 | Bosna | BA_BOS_2 | - | - | - | - | - | - | - | - | - | - |
| BABOS_3 | Bosna | BA_BOS_3 | - | - | - | - | - | - | - | - | - | - |
| BABOS_4 | Bosna | BA_BOS_4 | - | - | - | - | - | - | - | - | - | - |
| BABOS_5 | Bosna | BA_BOS_5 | - | - | - | - | - | - | - | - | - | - |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| BABOS_6 | Bosna | BA_BOS_6 | - | - | - | - | - | - | - | - | - | - |
| BABOS_7 | Bosna | BA_BOS_7 | - | - | - | - | - | - | - | - | - | - |
| BADR_1 | Drina | BA_DR_1 | - | - | - | - | - | - | - | - | - | - |
| BADR_3 | Drina | BA_DR_3 | - | - | - | - | - | - | - | - | - | - |
| BADR_5 | Drina | BA_DR_5 | - | - | - | - | - | - | - | - | - | - |
| BADR_6 | Drina | BA_DR_6 | - | - | - | - | - | - | - | - | - | - |
| BADR_7 | Drina | BA_DR_7 | - | - | - | - | - | - | - | - | - | - |
| BALIM_1 | Lim | BA_LIM_1 | - | - | - | - | - | - | - | - | - | - |
| BASA_1 | Sava | BA_SA_1 | - | - | - | - | - | - | - | - | - | - |
| BASA_2 | Sava | BA_SA_2 | - | - | - | - | - | - | - | - | - | - |
| BASA_3 | Sava | BA_SA_3 | - | - | - | - | - | - | - | - | - | - |

| **Water Body code** with country code | **Name of River** | **Name of Water Body** | Risk of failure to achieve environmental objectives by 2021 | | Ongoing pressures likely to persist until 2021 | | | | Pressured likely to appear in future (e.g., from future infrastructure projects) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| BAUNA_1 | Una | BA_UNA_1 | - | - | - | - | - | - | - | - | - | - |
| BAUNA_2 | Una | BA_UNA_2 | - | - | - | - | - | - | - | - | - | - |
| BAUNA_3 | Una | BA_UNA_3 | - | - | - | - | - | - | - | - | - | - |
| BAUNA_4 | Una | BA_UNA_4 | - | - | - | - | - | - | - | - | - | - |
| BAUNA_SAN_1 | Sana | BA_UNA_SAN_1 | - | - | - | - | - | - | - | - | - | - |
| BAUNA_SAN_2 | Sana | BA_UNA_SAN_2 | - | - | - | - | - | - | - | - | - | - |
| BAUNA_SAN_3 | Sana | BA_UNA_SAN_3 | - | - | - | - | - | - | - | - | - | - |
| BAUNA_SAN_4 | Sana | BA_UNA_SAN_4 | - | - | - | - | - | - | - | - | - | - |
| BAUNA_SAN_5 | Sana | BA_UNA_SAN_5 | - | - | - | - | - | - | - | - | - | - |
| BAVRB_1 | Vrbas | BA_VRB_1 | - | - | - | - | - | - | - | - | - | - |
| BAVRB_2 | Vrbas | BA_VRB_2 | - | - | - | - | - | - | - | - | - | - |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| BAVRB_3 | Vrbas | BA_VRB_3 | - | - | - | - | - | - | - | - | - | - |
| BAVRB_4 | Vrbas | BA_VRB_4 | - | - | - | - | - | - | - | - | - | - |
| BAVRB_5 | Vrbas | BA_VRB_5 | - | - | - | - | - | - | - | - | - | - |
| BAVRB_6 | Vrbas | BA_VRB_6 | - | - | - | - | - | - | - | - | - | - |
| BAVRB_7 | Vrbas | BA_VRB_7 | - | - | - | - | - | - | - | - | - | - |
| BAVRB_8 | Vrbas | BA_VRB_8 | - | - | - | - | - | - | - | - | - | - |
| RSBEG | Begej | Begej | Y | Y | Y | Y | Y | Y | - | - | - | - |
| RSCAN_BAJ | Bajski kanal | Bajski kanal | Y | Y | Y | Y | Y | - | - | - | - | - |
| RSCAN_BEC-BOG | DTD Bečej-Bogojevo | DTD Bečej-Bogojevo | Y | Y | Y | Y | Y | - | - | - | - | - |
| RSCAN_BP-KAR | Petrovac-Karavukovo | DTD B.Petrovac-Karavukovo | Y | Y | Y | Y | Y | - | - | - | - | - |
| RSCAN_BP-NB_1 | Banatska Palanka- | DTD Ban. Palanka-Novi Bečej | Y | Y | Y | Y | Y | - | - | - | - | - |

| **Water Body code** with country code | **Name of River** | **Name of Water Body** | Risk of failure to achieve environmental objectives by 2021 | | Ongoing pressures likely to persist until 2021 | | | | Pressured likely to appear in future (e.g., from future infrastructure projects) | | | |
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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| RSCAN_BP-NB_2 | Banatska Palanka- | DTD Ban. Palanka-Novi Bečej | Y | Y | Y | Y | Y | - | - | - | - | - |
| RSCAN_KIK | Kikindski kanal | Kikindski kanal | Y | Y | Y | Y | Y | - | - | - | - | - |
| RSCAN_KOS-MS | Kosančić-Mali Stapar | DTD Kosančić-Mali Stapar | Y | Y | Y | Y | Y | - | - | - | - | - |
| RSCAN_NS-SS | Sad-Savino selo | DTD Novi Sad-Savino selo | Y | Y | Y | Y | Y | - | - | - | - | - |
| RSCAN_OD-SO | DTD Odzaci-Sombor | DTD Odzaci-Sombor | Y | Y | Y | Y | Y | - | - | - | - | - |
| RSCAN_PR-BEZ | Prigrevica-Bezdan | DTD Prigrevica-Bezdan | Y | Y | Y | Y | Y | - | - | - | - | - |
| RSCAN_VR-BEZ | DTD Vrbas-Bezdan | DTD Vrbas-Bezdan | Y | Y | Y | Y | Y | - | - | - | - | - |
| RSDR_1 | Drina | Drina od ušća u Savu do brane HE Zvornik | Y | Y | N | N | Y | - | - | - | - | - |
| RSDR_3 | Drina | Drina od ušća Velike reke do brane HE Bajina Bašta | Y | Y | N | N | Y | - | - | - | - | - |
| RSIB_1 | Ibar | Ibar od ušća u Z. Moravu do Mataruške banje | Y | Y | Y | Y | Y | - | - | - | - | - |
| RSIB_2 | Ibar | Ibar od Mataruške banje do ušća Jošanice | Y | Y | N | Y | Y | - | - | - | - | - |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| RSIB_3 | Ibar | Ibar od ušća Jošanice do ušća Sitnice | Y | Y | Y | Y | Y | - | - | - | - | - |
| RSIB_4 | Ibar | Ibar od ušća Sitnice do brane HE Gazivode | Y | Y | Y | Y | Y | - | - | - | - | - |
| RSIB_6 | Ibar | Ibar uzvodno od ušća Paljevske reke | Y | Y | Y | Y | Y | - | - | - | - | - |
| RSJMOR_1 | Južna Morava | Južna Morava od sastava sa Z. Moravom do ušća Ribarske (Stalacka klisura) | Y | Y | Y | Y | Y | - | - | - | - | - |
| RSJMOR_2 | Južna Morava | Južna Morava od ušća Ribarske reke do ušća Nišave | Y | Y | Y | Y | Y | - | - | - | - | - |
| RSJMOR_3 | Južna Morava | Južna Morava od ušća Nišave do ušća Toplice | Y | Y | Y | Y | Y | - | - | - | - | - |
| RSJMOR_4 | Južna Morava | Južna Morava od ušća Toplice do ušća Kopašničke (Leskovačka dolina) | Y | Y | Y | Y | Y | - | - | - | - | - |
| RSJMOR_5 | Južna Morava | Južna Morava od ušća Kopašničke do ušća Vrle (Grdelička klisura) | N | N | N | N | N | - | - | - | - | - |
| RSJMOR_6 | Južna Morava | Južna Morava od ušća Vrle do sastava Moravice i Binačke Morave | Y | Y | Y | Y | Y | - | - | - | - | - |
| RSLIM_1 | Lim | Lim od RS-BA granice do ušća Uvca | Y | Y | Y | N | Y | - | - | - | - | - |
| RSLIM_2 | Lim | Lim od ušća Uvca do brane HE Potpeć | Y | Y | Y | N | Y | - | - | - | - | - |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| RSLIM_4 | Lim | Lim uzvodno od akumulacije HE Potpeć do RS-ME granice | Y | Y | Y | N | Y | - | - | - | - | - |
| RSNIS_1 | Nišava | Nišava od ušća u J. Moravu do ušća Studene | Y | Y | Y | Y | Y | - | - | - | - | - |
| RSNIS_2 | Nišava | Sićevačka klisura | Y | Y | N | N | Y | - | - | - | - | - |
| RSNIS_3 | Nišava | Nišava uzvodno od Sićevačke klisure do RS-BG granice | Y | Y | N | N | Y | - | - | - | - | - |
| RSPLBEG | Plovni Begej | Plovni Begej | Y | Y | Y | Y | Y | - | - | - | - | - |
| RSSA_1 | Sava | Sava od Beograda do Šapca | Y | Y | Y | Y | Y | Y | - | - | - | - |
| RSSA_2 | Sava | Sava od Šapca do ušća Drine | Y | Y | N | Y | Y | - | - | - | - | - |
| RSSA_3 | Sava | Sava uzvodno od ušća Drine do RS-HR granice | Y | Y | N | Y | Y | - | - | - | - | - |
| RSTAM_1 | Tamiš | Donji Tamiš | Y | Y | Y | Y | Y | Y | - | - | - | - |
| RSTAM_2 | Tamiš | Tamiš uzvodno od ustave Tomaševac do RS-RO granice | Y | Y | Y | Y | Y | - | - | - | - | - |
| RSTIM_1 | Timok | Timok od ušća u Dunav do Bregova (RS-BG granica) | Y | Y | Y | Y | Y | - | - | - | - | - |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| RSTIM_2 | Timok | Timok od Bregova do Tabakovačke klisure | Y | Y | Y | Y | Y | - | - | - | - | - |
| RSTIM_3 | Timok | Tabakovačka klisura do ušća Borske reke | Y | Y | Y | Y | Y | - | - | - | - | - |
| RSTIM_4 | Timok | Timok od ušća Borske reke do sastava Belog i Crnog Timoka | Y | Y | Y | Y | Y | - | - | - | - | - |
| RSTIS_1 | Tisa | Tisa od ušća u Dunav do brane Novi Bečej | Y | Y | Y | Y | Y | Y | - | - | - | - |
| RSTIS_2 | Tisa | Tisa uzvodno od brane Novi Bečej | Y | Y | Y | Y | Y | Y | - | - | - | - |
| RSVMOR_1 | Velika Morava | Velika Morava od ušća u Dunav do Ljubičevskog mosta | Y | Y | Y | Y | Y | Y | - | - | - | - |
| RSVMOR_2 | Velika Morava | Velika Morava od Ljubičevskog mosta do ušća Resave | Y | Y | N | Y | Y | - | - | - | - | - |
| RSVMOR_3 | Velika Morava | Velika Morava od ušća Resave do sastava Južne i Zapadne Morave | Y | Y | Y | Y | Y | - | - | - | - | - |
| RSZMOR_1 | Zapadna Morava | Zapadna Morava od sastava sa Južnom Moravom do ušća Ibra | Y | Y | Y | Y | Y | - | - | - | - | - |
| RSZMOR_2 | Zapadna Morava | Zapadna Morava od ušća Ibra do brane Parmenac | Y | Y | Y | Y | Y | - | - | - | - | - |
| ROLW8.1_B10 | Olt | Ionesti,Zavideni,Dragasani,Strejesti,Arcesti,Slatina,Ipotesti,Draganestisi av ac Frunzaru | N | N | N | N | N | N | N | N | N | N |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| ROLW8.1_B11 | Olt | OLT - ac. Rusanesti si Izbiceni | N | N | N | N | N | N | N | N | N | N |
| ROLW8.1_B7 | Olt | OLT - am. ac. Voila, Vistea, Arpas, Scorei, Avrig si av. ac. Racovita | N | N | N | N | N | N | N | N | N | N |
| ROLW8.1_B9 | Olt | OLT - am. ac. Robesti,Cornet,G Lotrului,Turnu, Calimanesti,Daesti,Rm. Vl,Raureni,Govora si av Babeni | N | N | N | N | N | N | N | N | N | N |
| RORW10.1_B1 | Arges | ARGES: SECTOR IZVOR - INTRARE AC. VIDRARU SI AFLUENTII | N | N | N | N | N | N | N | N | N | N |
| RORW10.1_B2 | Arges | ARGES: SECTOR AVAL AC. VIDRARU - INTRARE AC. OESTI | N | N | N | N | N | N | N | N | N | N |
| RORW10.1_B3 | Arges | ARGES: SECTOR AVAL AC. GOLESTI - INTRARE AC. ZAVOIU ORBULUI | N | N | N | N | N | N | N | N | N | N |
| RORW10.1_B4 | Arges | ARGES: SECTOR AVAL AC. ZAVOIUL ORBULUI - INTRARE AC. FRONTALA OGREZENI | N | N | N | N | N | N | N | N | N | N |
| RORW10.1_B5 | Arges | ARGES: SECTOR AVAL AC. FRONTALA OGREZENI - INTRARE AC. MIHAILESTI | N | N | N | N | N | N | N | N | N | N |
| RORW10.1_B6 | Arges | ARGES: SECTOR AVAL AC. MIHAILESTI - AMONTE CONFLUENTA DAMBOVITA | N | N | N | N | N | N | N | N | N | N |
| RORW10.1_B7 | Arges | ARGES: SECTOR AMONTE CONFLUENTA DAMBOVITA - CONFLUENTA DUNAREA | N | N | N | N | N | N | N | N | N | N |
| RORW11.1_B1 | Ialomita | IALOMITA_IZV._AC. BOLBOCI | N | N | N | N | N | N | N | N | N | N |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| RORW11.1_B2 | Ialomita | IALOMITA_AC. BOLBOCI_CF. IALOMICIOARA I | N | N | N | N | N | N | N | N | N | N |
| RORW11.1_B3 | Ialomita | IALOMITA_CF. IALOMICIOARA I_AC. PUCIOASA | N | N | N | N | N | N | N | N | N | N |
| RORW11.1_B4 | Ialomita | IALOMITA_AC. PUCIOASA_PRIBOIU | N | N | N | N | N | N | N | N | N | N |
| RORW11.1_B5 | Ialomita | IALOMITA_PRIBOIU_CF. IZVORU | N | N | N | N | N | N | N | N | N | N |
| RORW11.1_B6 | Ialomita | IALOMITA_CF. IZVORU_AC. DRIDU | N | N | N | N | N | N | N | N | N | N |
| RORW11.1_B7 | Ialomita | IALOMITA_AC. DRIDU_ION ROATA | N | N | N | N | N | N | N | N | N | N |
| RORW11.1_B8 | Ialomita | IALOMITA_ION ROATA_SLOBOZIA | N | N | N | N | N | N | N | N | N | N |
| RORW11.1_B9 | Ialomita | IALOMITA_SLOBOZIA_CF. DUNARE | N | N | N | N | N | N | N | N | N | N |
| RORW1.1_B1 | Tisa | Tisa | N | N | N | N | N | N | N | N | N | N |
| RORW12.1.40_B1 | Moldova | Moldova (izv - cf Sadova) | N | N | N | N | N | N | N | N | N | N |
| RORW12.1.40_B2 | Moldova | Moldova (cf Sadova - cf Suha) | N | N | N | N | N | N | N | N | N | N |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| RORW12.1.40_B3 | Moldova | Moldova (cf Suha - cf Vier) | N | N | N | N | N | N | N | N | N | N |
| RORW12.1.40_B4 | Moldova | Moldova (cf Vier - cf Siret) | N | N | N | N | N | N | N | N | N | N |
| RORW12.1.53_B1 | Bistrita | Bistrita (izv - cf Neagra) | N | N | N | N | N | N | N | N | N | N |
| RORW12.1.53_B2 | Bistrita | Bistrita (cf Neagra - ac Izvorul Muntelui) | N | N | N | N | N | N | N | N | N | N |
| RORW12.1.53_B4 | Bistrita | Bistrita (baraj Izv Muntelui - ac Pangarati | N | N | N | N | N | N | N | N | N | N |
| RORW12.1.53_B6 | Bistrita | Bistrita (baraj Batca Doamnei - ac Racova) | N | N | N | N | N | N | N | N | N | N |
| RORW12.1.69_B1 | Trotus | Trotus (izvor - cf Valea Rece) | N | N | N | N | N | N | N | N | N | N |
| RORW12.1.69_B2 | Trotus | Trotus (cf Valea Rece - cf Urmenis) | N | N | N | N | N | N | N | N | N | N |
| RORW12.1.69_B3 | Trotus | Trotus ( cf Urmenis - cf Tazlau) | N | N | N | N | N | N | N | N | N | N |
| RORW12.1.69_B4 | Trotus | Trotus (cf Tazlau - cf Siret) | N | N | N | N | N | N | N | N | N | N |
| RORW12.1.78_B1 | Birlad | Barlad - izvoare - confl. Garboveta | N | N | N | N | N | N | N | N | N | N |

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| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| RORW12.1.78_B2 | Birlad | Barlad - confl. Garboveta - confl. Crasna | N | N | N | N | N | N | N | N | N | N |
| RORW12.1.78_B3 | Birlad | Barlad - confl. Crasna - confl. Siret (include si derivatia Munteni - Tecucel) | N | N | N | N | N | N | N | N | N | N |
| RORW12.1.82_B1 | Buzau | BUZAU_IZV._AC. SIRIU_SI_AFLUENTII | N | N | N | N | N | N | N | N | N | N |
| RORW12.1.82_B2 | Buzau | BUZAU_AC. SIRIU_CF. BASCA | N | N | N | N | N | N | N | N | N | N |
| RORW12.1.82_B3 | Buzau | BUZAU_CF. BASCA_AC. CANDESTI | N | N | N | N | N | N | N | N | N | N |
| RORW12.1.82_B4 | Buzau | BUZAU_AC. CANDESTI_BUZAU | N | N | N | N | N | N | N | N | N | N |
| RORW12.1.82_B5 | Buzau | BUZAU_BUZAU_CF. COSTEI | N | N | N | N | N | N | N | N | N | N |
| RORW12.1.82_B6 | Buzau | BUZAU_CF. COSTEI_CF. SIRET | N | N | N | N | N | N | N | N | N | N |
| RORW12.1_B0 | Siret | Siret (granita - lac Rogojesti) | N | N | N | N | N | N | N | N | N | N |
| RORW12.1_B2 | Siret | Siret (ac Rogojesti - ac Bucecea) | N | N | N | N | N | N | N | N | N | N |
| RORW12.1_B4 | Siret | Siret (baraj Bucecea - cf Moldova) | N | N | N | N | N | N | N | N | N | N |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| RORW12.1_B5 | Siret | Siret (cf Moldova - ac Galbeni) | N | N | N | N | N | N | N | N | N | N |
| RORW12.1_B7 | Siret | Siret (baraj Beresti - ac Calimanesti) | N | N | N | N | N | N | N | N | N | N |
| RORW12.1_B9 | Siret | Siret (baraj Calimanesti - cf Dunare) | N | N | N | N | N | N | N | N | N | N |
| RORW13.1.15_B1 | Jijia | Jijia - sector izvor - ac. Ezer | Y | N | Y | N | N | N | N | N | N | N |
| RORW13.1.15_B3 | Jijia | Jijia - sector aval ac. Ezer - confl. Sitna | N | N | N | N | N | N | N | N | N | N |
| RORW13.1.15_B4 | Jijia | Jijia - sector confl. Sitna - confl. Prut | N | N | N | N | N | N | N | N | N | N |
| RORW13.1.15_B5 | Jijia | Jijia Veche | N | N | N | N | N | N | N | N | N | N |
| RORW13.1_B1 | Prut | Prut - sector am. ac. Stanca | N | N | N | N | N | N | N | N | N | N |
| RORW13.1_B3 | Prut | Prut - sector av. ac. Stanca - conf. Solonet | N | N | N | N | N | N | N | N | N | N |
| RORW13.1_B4 | Prut | Prut - sector conf. Solonet - confl. Jijia | N | N | N | N | N | N | N | N | N | N |
| RORW13.1_B5 | Prut | Prut - sector confl. Jijia - confl. Dunarea | N | N | N | N | N | N | N | N | N | N |

| **Water Body code** with country code | **Name of River** | **Name of Water Body** | Risk of failure to achieve environmental objectives by 2021 | | Ongoing pressures likely to persist until 2021 | | | | Pressured likely to appear in future (e.g., from future infrastructure projects) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| RORW15.1.10B_B1 | Dunare Marea | CDMN 1 | N | N | N | N | N | N | N | N | N | N |
| RORW15.1.10B_B2 | Dunare Marea | CDMN 2 - CPAMN | N | N | N | N | N | N | N | N | N | N |
| RORW2.1_B1 | Somes | Somesul Mare-izvoare-cf. Feldrisel si afluenti | N | Y | N | N | Y | N | N | N | N | N |
| RORW2.1_B2 | Somes | Somesul Mare -cf.Feldrisel-cf. Sieu | N | N | N | N | N | N | N | N | N | N |
| RORW2.1_B3 | Somes | Somesul Mare -cf.Sieu-Dej | N | N | N | N | N | N | N | N | N | N |
| RORW2.1_B4 | Somes | Somes -Dej-cf.Apa Sarata | N | N | N | N | N | N | N | N | N | N |
| RORW2.1_B5 | Somes | Somes-cf.Apa Sarata-cf.Lapus | N | N | N | N | N | N | N | N | N | N |
| RORW2.1_B6 | Somes | Somes-cf.Lapus-cf.Homorodu Nou | N | Y | N | N | Y | N | N | N | N | N |
| RORW2.1_B7 | Somes | Somes-cf.Homorodu Nou-granita cu Ungaria | N | N | N | N | N | N | N | N | N | N |
| RORW3.1.42_B1 | Crisul Negru | Crisul Negru --> izvor - cnf. Valea Mare + Afluent | N | N | N | N | N | N | N | N | N | N |
| RORW3.1.42_B2 | Crisul Negru | Crisul Negru --> cnf. Valea Mare - cnf. Nimaiesti | N | N | N | N | N | N | N | N | N | N |

| **Water Body code** with country code | **Name of River** | **Name of Water Body** | Risk of failure to achieve environmental objectives by 2021 | | Ongoing pressures likely to persist until 2021 | | | | Pressured likely to appear in future (e.g., from future infrastructure projects) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| RORW3.1.42_B3 | Crisul Negru | Crisul Negru --> cnf. Nimaiesti - cnf. Soimul | N | N | N | N | N | N | N | N | N | N |
| RORW3.1.42_B4 | Crisul Negru | Crisul Negru --> cnf. Soimul - cnf. Valea Noua | N | N | N | N | N | N | N | N | N | N |
| RORW3.1.42_B5 | Crisul Negru | Crisul Negru --> cnf. Valea Noua - frontiera | N | N | N | N | N | N | N | N | N | N |
| RORW3.1.44.33_B1 | Barcau | Barcau --> izvor - cnf. Toplita + Afluenti | N | N | N | N | N | N | N | N | N | N |
| RORW3.1.44.33_B2 | Barcau | Barcau --> cnf. Toplita - cnf. Groapa | N | N | N | N | N | N | N | N | N | N |
| RORW3.1.44.33_B3 | Barcau | Barcau --> cnf. Groapa - am Ac.Suplacu de Barcau | N | N | N | N | N | N | N | N | N | N |
| RORW3.1.44.33_B5 | Barcau | Barcau --> av Ac.Suplacu de Barcau - cnf. Bistra | N | N | N | N | N | N | N | N | N | N |
| RORW3.1.44.33_B6 | Barcau | Barcau --> cnf. Bistra - frontiera | N | N | N | N | N | N | N | N | N | N |
| RORW3.1.44_B1 | Crisul Repede | Crisul Repede --> izvor - cnf. Sacuieu | N | N | N | N | N | N | N | N | N | N |
| RORW3.1.44_B2 | Crisul Repede | Crisul Repede --> cnf. Sacuieu - cnf. Iad | N | N | N | N | N | N | N | N | N | N |
| RORW3.1.44_B3 | Crisul Repede | Crisul Repede--Def.Crisu Repede --> cnf. Iad - out Def.Crisu Repede + Afluent | N | N | N | N | N | N | N | N | N | N |

| **Water Body code** with country code | **Name of River** | **Name of Water Body** | Risk of failure to achieve environmental objectives by 2021 | | Ongoing pressures likely to persist until 2021 | | | | Pressured likely to appear in future (e.g., from future infrastructure projects) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| RORW3.1.44_B4 | Crisul Repede | Crisul Repede --> av Def.Crisu Repede - am Ac.Lugasu | N | N | N | N | N | N | N | N | N | N |
| RORW3.1.44_B6 | Crisul Repede | Crisul Repede --> av Ac.Tileagd - cnf. Bonor | N | N | N | N | N | N | N | N | N | N |
| RORW3.1.44_B7 | Crisul Repede | Crisul Repede --> cnf. Bonor - frontiera | N | N | N | N | N | N | N | N | N | N |
| RORW3.1_B1 | Crisul Alb | Crisul Alb --> izvor - am Ac.Mihaileni + Afluenti | N | N | N | N | N | N | N | N | N | N |
| RORW3.1_B2 | Crisul Alb | Crisul Alb--Ac.Mihaileni + Afluent | N | N | N | N | N | N | N | N | N | N |
| RORW3.1_B3 | Crisul Alb | Crisul Alb --> av Ac.Mihaileni - cnf. Tebea | N | N | N | N | N | N | N | N | N | N |
| RORW3.1_B4 | Crisul Alb | Crisul Alb --> cnf. Tebea - cnf. Zimbru | N | N | N | N | N | N | N | N | N | N |
| RORW3.1_B5 | Crisul Alb | Crisul Alb --> cnf. Zimbru - cnf. Chisindia | N | N | N | N | N | N | N | N | N | N |
| RORW3.1_B6 | Crisul Alb | Crisul Alb --> cnf. Chisindia - cnf. Cigher | N | N | N | N | N | N | N | N | N | N |
| RORW3.1_B7 | Crisul Alb | Crisul Alb --> cnf. Cigher - frontiera | N | N | N | N | N | N | N | N | N | N |
| RORW4.1.96_B1 | Tarnava Mare | TARNAVA MARE, izvor - ac. Zetea si afluentii | N | N | N | N | N | N | N | N | N | N |

| **Water Body code** with country code | **Name of River** | **Name of Water Body** | Risk of failure to achieve environmental objectives by 2021 | | Ongoing pressures likely to persist until 2021 | | | | Pressured likely to appear in future (e.g., from future infrastructure projects) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| RORW4.1.96_B3 | Tarnava Mare | TARNAVA MARE, ac. Zetea - conf. Bradesti si DESAG | N | N | N | N | N | N | N | N | N | N |
| RORW4.1.96_B4 | Tarnava Mare | TARNAVA MARE, conf. Bradesti - conf. Cris | N | N | N | N | N | N | N | N | N | N |
| RORW4.1.96_B5 | Tarnava Mare | TARNAVA MARE, conf. Cris - conf. Paucea | N | N | N | N | N | N | N | N | N | N |
| RORW4.1.96_B6 | Tarnava Mare | TARNAVA MARE, conf. Paucea - conf. Vorumloc | N | N | N | N | N | N | N | N | N | N |
| RORW4.1.96_B7 | Tarnava Mare | TARNAVA MARE, conf. Vorumloc - conf. Mures | N | N | N | N | N | N | N | N | N | N |
| RORW4.1_B1 | Mures | MURES, izvor - conf. Carbunele Negru | N | N | N | N | N | N | N | N | N | N |
| RORW4.1_B10 | Mures | MURES, conf. Soimos - conf. Zadarlac | N | N | N | N | N | N | N | N | N | N |
| RORW4.1_B11 | Mures | MURES, conf. Zadarlac - Romanian/Hungarian border | N | N | N | N | N | N | N | N | N | N |
| RORW4.1_B2 | Mures | MURES, conf. Carbunele Negru - conf. Lazarea | N | N | N | N | N | N | N | N | N | N |
| RORW4.1_B3 | Mures | MURES, conf. Lazarea - conf.Toplita | N | N | N | N | N | N | N | N | N | N |
| RORW4.1_B4 | Mures | MURES, conf. Toplita - conf. Pietris | N | N | N | N | N | N | N | N | N | N |

| **Water Body code** with country code | **Name of River** | **Name of Water Body** | Risk of failure to achieve environmental objectives by 2021 | | Ongoing pressures likely to persist until 2021 | | | | Pressured likely to appear in future (e.g., from future infrastructure projects) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| RORW4.1_B5 | Mures | MURES, conf. Pietris - conf. Petrilaca | N | N | N | N | N | N | N | N | N | N |
| RORW4.1_B6 | Mures | MURES, conf. Petrilaca - conf. Aries | N | N | N | N | N | N | N | N | N | N |
| RORW4.1_B7 | Mures | MURES, conf. Aries - conf. Cerna | N | N | N | N | N | N | N | N | N | N |
| RORW4.1_B8 | Mures | MURES, conf. Cerna - conf. Dobra | N | N | N | N | N | N | N | N | N | N |
| RORW4.1_B9 | Mures | MURES, conf. Dobra - conf. Soimos | N | N | N | N | N | N | N | N | N | N |
| RORW5.1_B1 | Bega | BEGA - izvor-cf. Bega Poienilor + afluenti | N | N | N | N | N | N | N | N | N | N |
| RORW5.1_B2 | Bega | BEGA - cf. Bega Poienilor-cf. Chizdia | N | N | N | N | N | N | N | N | N | N |
| RORW5.1_B3 | Bega | BEGA - cf. Chizdia-cf. Behela | N | N | N | N | N | N | N | N | N | N |
| RORW5.1_B4 | Bega | BEGA - cf. Behela-frontiera | N | N | N | N | N | N | N | N | N | N |
| RORW5.2_B1 | Timis | TIMIS - izvoare-Ac. Trei Ape | N | N | N | N | N | N | N | N | N | N |
| RORW5.2_B2 | Timis | TIMIS - Ac. Trei Ape-cf. Fenes | N | N | N | N | N | N | N | N | N | N |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| RORW5.2_B3 | Timis | TIMIS - cf. Fenes-cf. Sebes | N | N | N | N | N | N | N | N | N | N |
| RORW5.2_B4 | Timis | TIMIS - cf. Sebes-cf. Tapia | N | N | N | N | N | N | N | N | N | N |
| RORW5.2_B5 | Timis | TIMIS - cf. Tapia-evacuare GC Lugoj | N | N | N | N | N | N | N | N | N | N |
| RORW5.2_B6 | Timis | TIMIS - evacuare GC Lugoj-cf. Timisana | N | N | N | N | N | N | N | N | N | N |
| RORW5.2_B7 | Timis | TIMIS - cf. Timisana-frontiera | N | N | N | N | N | N | N | N | N | N |
| RORW7.1_B1 | Jiu | JIU DE VEST - izvor- loc. Paroseni | N | N | N | N | N | N | N | N | N | N |
| RORW7.1_B121 | Jiu | JIU - Ac. Isalnita - Bratovoesti | N | N | N | N | N | N | N | N | N | N |
| RORW7.1_B14 | Jiu | JIU - confl. Jiu de Est - Ac. Vadeni | N | N | N | N | N | N | N | N | N | N |
| RORW7.1_B148 | Jiu | JIU - Bratovoesti - cf. Dunarea | N | N | N | N | N | N | N | N | N | N |
| RORW7.1_B28 | Jiu | JIU - Targu Jiu - Rovinari | N | N | N | N | N | N | N | N | N | N |
| RORW7.1_B4 | Jiu | JIU DE VEST - Paroseni - confl. Jiu de Est | N | N | N | N | N | N | N | N | N | N |

| **Water Body code** with country code | **Name of River** | **Name of Water Body** | Risk of failure to achieve environmental objectives by 2021 | | Ongoing pressures likely to persist until 2021 | | | | Pressured likely to appear in future (e.g., from future infrastructure projects) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| RORW7.1_B51 | Jiu | JIU - Rovinari - Ac. Turceni | N | N | N | N | N | N | N | N | N | N |
| RORW7.1_B57 | Jiu | JIU - Ac. Turceni - Ac. Isalnita | N | N | N | N | N | N | N | N | N | N |
| RORW8.1_B1 | Olt | OLT - izv.- aval confl.Sipos si afluentii (Medias si Sipos) | N | N | N | N | N | N | N | N | N | N |
| RORW8.1_B12 | Olt | OLT -aval acumulare Izbiceni –confluenta Dunare | N | N | N | N | N | N | N | N | N | N |
| RORW8.1_B2 | Olt | OLT - aval confluenta Sipos - aval confluenta Cad | N | N | N | N | N | N | N | N | N | N |
| RORW8.1_B3 | Olt | OLT -aval confluenta Cad –aval confluenta Mitaci | N | N | N | N | N | N | N | N | N | N |
| RORW8.1_B4 | Olt | OLT -aval confluenta Mitaci –aval confluenta Talomir | N | N | N | N | N | N | N | N | N | N |
| RORW8.1_B5 | Olt | OLT -aval confluenta Talomir –aval confluenta Raul Negru | N | N | N | N | N | N | N | N | N | N |
| RORW8.1_B6 | Olt | OLT -aval confluenta Raul Negru –amonte acumulare Voila | N | N | N | N | N | N | N | N | N | N |
| RORW8.1_B8 | Olt | OLT - aval acumulare Racovita - amonte acumulare Robesti | N | N | N | N | N | N | N | N | N | N |
| RORW9.1_B2 | Vedea | VEDEA : CONFLUENTA VEDITA - AMONTE CONFLUENTA COTMEANA | N | N | N | N | N | N | N | N | N | N |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| RORW9.1_B3 | Vedea | VEDEA : CONFLUENTA COTMEANA - AMONTE EVACUARE ROSIORI DE VEDE | N | N | N | N | N | N | N | N | N | N |
| RORW9.1_B4 | Vedea | VEDEA : AMONTE EVACUARE ROSIORI DE VEDE - CONFL. PARAUL CAINELUI | N | N | N | N | N | N | N | N | N | N |
| RORW9.1_B5 | Vedea | VEDEA : CONFL. PARAUL CAINELUI - AMONTE EVACUARE ALEXANDRIA | N | N | N | N | N | N | N | N | N | N |
| RORW9.1_B6 | Vedea | VEDEA : AMONTE EVACUARE ALEXANDRIA - AMONTE CONFL. TELEORMAN | N | N | N | N | N | N | N | N | N | N |
| RORW9.1_B7 | Vedea | VEDEA : CONFLUENTA TELEORMAN - LOCALITATEA BUJORU | N | N | N | N | N | N | N | N | N | N |
| RORW9.1_B8 | Vedea | VEDEA : LOCALITATEA BUJORU - CONFLUENTA DUNAREA | N | N | N | N | N | N | N | N | N | N |
| BG1IS100R1027 | Iskar | ISKAR RWB1027 | Y | N | Y | Y | Y | Y | N | N | N | Y |
| BG1IS135R1126 | Iskar | ISKAR RWB1126 | Y | Y | Y | Y | Y | Y | N | N | N | Y |
| BG1IS135R1226 | Iskar | ISKAR RWB1226 | Y | N | Y | Y | N | Y | N | N | N | Y |
| BG1IS135R1326 | Iskar | ISKAR RWB1326 | Y | N | Y | Y | N | Y | N | N | N | Y |
| BG1IS135R1426 | Iskar | ISKAR RWB1426 | Y | Y | Y | Y | Y | Y | N | N | N | N |

| **Water Body code** with country code | **Name of River** | **Name of Water Body** | Risk of failure to achieve environmental objectives by 2021 | | Ongoing pressures likely to persist until 2021 | | | | Pressured likely to appear in future (e.g., from future infrastructure projects) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| BG1IS700R1006 | Iskar | ISKAR RWB1006 | N | N | N | N | N | N | N | N | N | N |
| BG1IS700R1206 | Iskar | ISKAR RWB1206 | N | N | N | N | N | N | N | N | N | N |
| BG1IS789R1104 | Iskar | ISKAR RWB1104 | N | N | N | N | N | N | N | N | N | N |
| BG1NV200R001 | Nishava | NISHAVA RWB01 | Y | N | Y | Y | N | N | N | N | N | N |
| BG1OG100R014 | Ogosta | OGOSTA RWB14 | Y | N | Y | Y | Y | Y | N | N | N | N |
| BG1OG307R1013 | Ogosta | OGOSTA RWB1013 | N | N | N | N | N | N | N | N | N | Y |
| BG1OG307R1213 | Ogosta | OGOSTA RWB1213 | N | N | N | N | N | N | N | N | N | Y |
| BG1OG789R1001 | Ogosta | OGOSTA RWB1001 | N | N | N | N | N | N | N | N | N | N |
| BG1WO100R001 | Timok | TIMOK WORWB01 | Y | Y | Y | Y | Y | N | N | N | N | N |
| BG1YN130R1029 | Yantra | YANTRA RWB1029 | N | N | N | N | N | Y | N | N | N | N |
| BG1YN307R1027 | Yantra | YANTRA RWB1027 | Y | N | Y | Y | N | N | N | N | N | N |

| **Water Body code** with country code | **Name of River** | **Name of Water Body** | Risk of failure to achieve environmental objectives by 2021 | | Ongoing pressures likely to persist until 2021 | | | | Pressured likely to appear in future (e.g., from future infrastructure projects) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| BG1YN700R1017 | Yantra | YANTRA RWB1017 | Y | N | Y | Y | N | Y | N | N | N | N |
| BG1YN900R1015 | Yantra | YANTRA RWB1015 | Y | N | Y | Y | N | Y | N | N | N | N |
| BG1YN900R1215 | Yantra | YANTRA RWB1215 | N | N | N | N | N | N | N | N | N | N |
| BG1YN900R1415 | Yantra | YANTRA RWB1415 | N | N | N | N | N | N | N | N | N | N |

| **Water Body code** with country code | **Name of lake** | Risk of failure to achieve environmental objectives by 2021 | | Ongoing pressures likely to persist until 2021 | | | | Pressured likely to appear in future (e.g., from future infrastructure projects) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| ATOK10500200 | Neusiedler See | N | N | N | N | N | N | - | - | - | - |
| HUAIH049 | Balaton | N | N | N | N | N | N | N | N | N | N |
| HUAIH070 | Fertő | N | N | N | N | N | N | N | N | N | N |
| HUAIQ955 | Tisza-tó - Abádszalóki-öböl | Y | N | N | Y | N | Y | N | N | N | N |
| HUAIQ956 | Tisza-tó - Poroszlói-medence | N | N | N | N | N | N | N | N | N | N |
| HUAIQ957 | Tisza-tó - Sarudi-medence | N | N | N | N | N | N | N | N | N | N |
| HUAIQ958 | Tisza-tó - Tiszavalki-medence | N | N | N | N | N | N | N | N | N | N |
| ROLW14.1_B7 | Razim | N | N | N | N | N | N | N | N | N | N |

| **Water Body code** with country code | **Name of Water Body** | Risk of failure to achieve environmental objectives by 2021 | | Ongoing pressures likely to persist until 2021 | | | | Pressured likely to appear in future (e.g., from future infrastructure projects) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| ROTT02_B1 | Sinoe | N | N | N | N | N | N | N | N | N | N |
| ROTT03_B1 | Chilia-Periboina | N | N | N | N | N | N | N | N | N | N |

| **Water Body code** with country code | **Name of Water Body** | Risk of failure to achieve environmental objectives by 2021 | | Ongoing pressures likely to persist until 2021 | | | | Pressured likely to appear in future (e.g., from future infrastructure projects) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **Ecological Status** | **Chemical Status** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** | **Organic Pollution** | **Nutrient Pollution** | **Hazardous Substances** | **Hydromorphological Alterations** |
| ROCT01_B1 | Periboina-Cap Singol | N | N | N | N | N | N | N | N | N | N |
| ROCT01_B2 | Mangalia | N | N | N | N | N | N | N | N | N | N |
| ROCT02_B1 | Cap Singol-Eforie Nord | N | N | N | N | N | N | N | N | N | N |
| ROCT02_B2 | Eforie Nord-Vama Veche | N | N | N | N | N | N | N | N | N | N |

# Groundwater: further characterisation of ICPDR GW bodies and significant pressures

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International Commission for the Protection of the Danube River
Internationale Kommission zum Schutz der Donau

## ANNEX 5

### "The 2013 Update of the Danube Basin Analysis Report"

# Transboundary GWBs of Danube basin wide importance

| Transboundary GWB | Nat. part | National GWB Codes | Area [km²] | Area [km²] | Aquifer characterisation | | Main use | Overlying strata | Criteria for importance |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | Aquifer Type | Confined | | | |
| **1:** Deep Thermal | AT-1 | ATGK100158 | 5,900 | 1,650 | K | Yes | SPA, CAL | 100–1000 | Intensive use |
| | DE-1 | DEGK1110 | | 4,250 | | | | | |
| **2:** Upper Jurassic – Lower Cretaceous | BG-2 | BG1G0000J3K051 | 24,162 | 12,844 | F, K | Yes | DRW, AGR, IND | 0–600 | >4000 km² |
| | RO-2 | RODL06 | | 11,318 | | | | | |
| **3:** Middle Sarmatian - Pontian | MD-3 | MDPR01 | 22,193 | 9,662 | P | Yes | DRW, AGR, IND | 0–150 | >4000 km2 |
| | RO-3 | ROPR05 | | 12,531 | | | | | |
| **4:** Sarmatian | BG-4 | BG1G000000N049 | 5,403 | 3,225 | K, F-P | No | DRW, AGR, IND | 0–10 | >4000 km2 |
| | RO-4 | RODL04 | | 2,178 | | | | | |
| **5:** Mures / Maros | HU-5 | HU_AIQ605<br>HU_AIQ604<br>HU_AIQ594<br>HU_AIQ593 | 7,212 | 4,989 | P | Yes / No | DRW, IRR, IND | 2-30 | GW resource, DRW protection |
| | RO-5* | ROMU20<br>ROMU22 | | 2,223<br>1,683 | | | | | |
| **6:** Somes / Szamos | HU-6 | HU_AIQ649<br>HU_AIQ648<br>HU_AIQ600<br>HU_AIQ601 | 2,491 | 1,035 | P | Yes / No | DRW,AGR, IRR | 5–30 | GW resource, DRW protection |
| | RO-6* | ROSO01<br>ROSO13 | | 1,456<br>1,383 | | | | | |
| **7:** Upper Pannonian-Lower Pleistocene / Dunav / Duna-Tisza köze déli r. | HU-7 | HU_AIQ528<br>HU_AIQ523<br>HU_AIQ532<br>HU_AIQ487<br>HU_AIQ590<br>HU_AIQ529<br>HU_AIQ522<br>HU_AIQ533<br>HU_AIQ486<br>HU_AIQ591 | 28,997 | 7,098 | P | Yes / Yes / No | DRW, AGR, IND, IRR | 0–125 | > 4000 km², GW use, GW resource, DRW protection |
| | RO-7 | ROBA18 | | 11,393 | | | | | |
| | RS-7 | RS_DU10 | | 10,506 | | | | | |
| **8:** Podunajska Basin, Zitny Ostrov / Szigetköz, Hanság-Rábca | HU-8 | HU_AIQ654<br>HU_AIQ572<br>HU_AIQ653<br>HU_AIQ573 | 3,363 | 1,152 | P | No | DRW, IRR, AGR, IND | 2–5 | GW resource, DRW protection |
| | SK-8 | SK1000300P<br>SK1000200P | | 2,211 | | | | | |
| **9:** | HU-9 | HU_AIQ495<br>HU_AIQ496 | 2,216 | 750 | P | Yes | DRW,IRR | 2–10 | GW resource |

| Transboundary GWB | Nat. part | National GWB Codes | Area [km²] | Area [km²] | Aquifer characterisation | | Main use | Overlying strata | Criteria for importance |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | Aquifer Type | Confined | | | |
| Bodrog | SK-9 | SK1001500P | | 1,466 | | | | | |
| **10:** Slovensky kras / Aggtelek-hgs. | HU-10 | HU_AIQ485 | 1,090 | 492 | K | Yes / No | DRW, OTH | 0–500 | DRW protection, depend. ecosystems |
| | SK-10 | SK200480KF | | 598 | K, F | | | | |
| **11:** Komarnanska Vysoka Kryha / Dunántúli-khgs. északi r. | HU-11 | HU_AIQ558<br>HU_AIQ552<br>HU_AIQ564 | 3,811 | 3,248 | K | Yes / No | DRW, SPA, CAL | 0–2,500 | Thermal water resource |
| | SK-11 | SK300010FK<br>SK300020FK | | 563 | F, K | | | | |

* ... GWBs overlying

| | |
|---|---|
| **Size** | Whole area of transboundary groundwater body covering all countries concerned and area of national shares of in km² |
| **Aquifer characterisation** | Aquifer Type: Predom. **P** = porous/ **K** = karst/ **F** = fissured. Multiple selections possible: Predominantly porous, karst, fissured and combinations are possible. Main type should be listed first.<br>Confined: **Yes** / **No** |
| **Main use** | **DRW** = drinking water / **AGR** = agriculture / **IRR** = irrigation / **IND** = Industry / **SPA** = balneology / **CAL** = caloric energy / **OTH** = other. Multiple selections possible. |
| **Overlying strata** | Indicates a range of thickness (minimum and maximum in metres) |
| **Criteria for importance** | If size < 4 000 km² criteria for importance of the GW body have to be named, they have to be bilaterally agreed upon. |

# Further characterisation of the ICPDR GW-bodies

## GWB-1: Deep Groundwater Body – Thermal Water

| **GWK-1** | National shares | **AT-1**<br>**DE-1** | At risk for each national GWB? (yes/no) | |
|---|---|---|---|---|
| | | | Quality (substance) | Quantity |
| List of individual GW-bodies forming the whole national share (national code incl. country code) | AT | ATGK100158 | No | No |
| | DE | DEGK1110 | No | No |
| | | | | |
| Description/Characterisation of the ICPDR GW-body | *The thermal groundwater of the Malm karst (Upper Jurassic) in the Lower Bavarian and Upper Austrian Molasse Basin is of transboundary importance. It is used for spa purposes and to gain geothermal energy. The geothermal used water is totally re-injected in the same aquifer.*<br>*The transboundary GW-body covers a total area of 5,900 km²; the length is 155 km and the width is up to 55 km. The aquifer is Malm (karstic limestone); the top of the Malm reaches a depth of more than 1,000 m below sea level in the Bavarian part and 2,000 m in the Upper Austrian part. The groundwater recharge is mainly composed of subterranean inflow of the adjacent Bohemian Massif and infiltration of precipitation in the northern part of the groundwater body area. The total groundwater recharge was determined to 820 l/s. The GW-body is selected as of basin-wide importance because of its intensive use. An expert group takes care for the permanent bilateral exchange of information and a sustainable transboundary use.* | | | |
| Description of methodology for estimating the risk of failure to achieve the good status in 2021. | ***Quantity:*** *Within the framework of the Regensburg Treaty a hydro-geological model and mathematical model for the determination of the groundwater recharge were established. It could be shown that there has been no overuse up to now. An expert group worked out guidelines where joint protection and utilisation strategies are laid down. Thus a sustainable use is assured.*<br>***Quality:*** *The GWB is still in good status because the confined deep groundwater is well protected by thick overlying layers (several hundred meters up to more than 1,000 m thick tertiary and cretaceous sediments) and reaches an age up to more than 1,000 years. Therefore the thermal water is well protected from anthropogenic pollution.*<br>*The thermal water is only used by water extractions for spa purposes and water extractions and re-injections for geothermal use. Except of the decreased temperature the re-injected thermal water is of the same quality as the extracted water. There is no other use that might cause groundwater contamination. So there is no risk that groundwater will be contaminated.*<br>*The thermal water users / operators of geothermal plants have to carry out inspections to provide information on the thermal water quality. Yearly they have to report chemical values of the thermal water and after 5 years they have to provide authorities with an expert opinion about the development of the thermal water quality. So possible changes in the chemistry of the thermal water can be observed/detected early. Anthropogenic pollution can be excluded; changes in quality can be caused only by geogenic effects depending on water extraction. Up to now no significant changes of chemical values occurred.*<br>*The groundwater body is well protected; there are no uses with a risk of groundwater pollution. So the GWB is not and will not be at risk.* | | | |

| | |
|---|---|
| Description how climate change was considered as pressure in the risk assessment. | *see: Questionnaires on climate change adaptation for ICPDR EGs and TGs* |
| Description of the significant pressures and polluting substances | *Intensive use (spa, geothermal)* |
| Gaps and uncertainties in the underlying data | *No* |

## GWB-2: Upper Jurassic – Lower Cretaceous GWB

| **GWK-2** | National shares | **RO-2**<br>**BG-2** | At risk for each national GWB? (yes/no) | |
|---|---|---|---|---|
| | | | Quality (substance) | Quantity |
| List of individual GW-bodies forming the whole national share (national code incl. country code) | BG | BG1G0000J3K051 | No | No |
| | RO | RODL06 | No | No |
| Description/Characterisation of the ICPDR GW-body | *Criteria for the delineation are based on the Upper Jurassic-Lower Cretaceous permeable deposits and water content in these deposits, Geological overview - The stratigraphic age is Upper Jurassic-Lower Cretaceous. The lithological composition is limestones, dolomitic limestones and dolomites.*<br>*Overlying strata consists of marls, clays, sands, limestones, pebbles and loess. The ages of the deposits are Hauterivian, Sarmatian, Pliocene and Quaternary.*<br>*The criterion for selection as 'important' is the size which is > 4000 km².*<br>*With the exception of small cropped out areas the GWB is very well protected. There is no significant impact on the GWB. The main use of groundwater is for drinking water supply, agriculture and industry supply.* | | | |
| Description of methodology for estimating the risk of failure to achieve the good status in 2021. | ***Romania:*** *The criteria and approach for chemical status assessment is based on the available quality groundwater monitoring data and the pressure. The criteria and approach for risk assessment for quantity status is based on trend assessment.*<br>***Bulgaria:*** *The methodology for the risk-assessment was developed under the BG-DE Twinning project "Institutional Strengthening of basin authorities in Bulgaria in the implementation of the Water Framework Directive of the EU in the Danube River Basin "(Twinning Project "WFD-Danube-Bulgaria" BG2003/IB/EN/02).*<br>*The risk of failure to achieve good qualitative status is being assessed separately for point sources of pollution and for diffuse sources. For every point source of pollution, the area potentially affected is being deter-minate as an area of a circle with a radius of about 1 km. It is considered that there is a risk of failure to achieve the objectives when the total sum of the areas of all circles in a given GWB exceeds 30% of the exposed surface of the GWB. The analysis is being performed by means of GIS.*<br>*There is a risk of failure of achievement of good status because of diffuse sources of pollution when the total sum of the active areas of the diffuse pressure exceeds 75% of the exposed surface of the GWB.*<br>*There is a risk of failing good quantitative status when the total quantity of the water-abstraction exceeds 50% of the available GWB-resources.* | | | |
| Description how climate change was considered as pressure in the risk assessment. | *see: Questionnaires on climate change adaptation for ICPDR EGs and TGs*<br>***Bulgaria:*** *Climate change is considered within the methodology for* | | | |

| | |
|---|---|
| | *calculating the available groundwater resource at annual basis.* |
| Gaps and uncertainties in the underlying data | *It is necessary to improve the GWB monitoring networks on both sides of the border.* |

## GWB-3: Middle Sarmatian - Pontian GWB

| **GWK-3** | National shares | **MD-3**<br>**RO-3** | At risk for each national GWB? (yes/no) | |
|---|---|---|---|---|
| | | | Quality (substance) | Quantity |
| List of individual GW-bodies forming the whole national share (national code incl. country code) | MD | MDPR01 | nitrates | No |
| | RO | ROPR05 | No | No |
| Description/Characterisation of the ICPDR GW-body | | | | |

***Romania:*** *Geologically, the wells have pierced the following sub-stages of the Sarmatian: Buglovian, Volhynian, Basarabian and Chersonian. The wells data have indicated that the Sarmatian deposits thickness is highly variable, going from 295 m (Iaşi) to 886 m (Bârlad). It is considered that the Sarmatian deposits unconformably overlay the Late Badenian ones, because the Early Buglovian is lacking. The upper boundary of Sarmatian, respectively the Sarmatian-Meotian boundary, is difficult to assign due to the lack of sure paleontological elements.*

*Lithologically, the water-bearing deposits are constituted of thin layers with fine towards medium grain-size (sands, rarely gravels), sometimes with lens aspect, situated at depth of 30–350 meters.*

*Hydrogeologically and hydrochemically, the investigation of wells data has revealed important areal differences, of quantitative and qualitative order, both horizontally and vertically. The differences of quantitative order are especially due to the Sarmatian deposits grain size.*

*The overlaying strata are predominantly represented by detritic Quaternary deposits.*

*The groundwater is mainly used for drinking water supply, agricultural and industrial supplies.*

*The criterion for selection as "important" consists in its size that exceeds 4 000 km$^2$.*

***Moldova:*** *Criteria for delineation are: geological boundaries; groundwater flow lines; chemical and one quantitative status; GWB vulnerability; surface–groundwater interaction. The MD GWB consists of four aquifers. First is the Baden-Sarmatian aquifer, which is the most productive and most important for centralized water supply. Water-bearing layers are represented by limestone with interlayers of fine grained sand, sometimes clays, marls and gypsum. Thickness of the aquifer reaches 50 m, in some places up to 90 m, with average thickness of about 25 m. In the northern part of the basin water bearing sediments outcrop to the pre-Quaternary surface and these areas coincide with the recharge zones of the aquifer. Groundwater is discharging into the valley of Prut river. Southwards Baden-Sarmatian aquifer occurs deeper and near the village Gotesti it was detected by drilling at the depth of 572 m.*

*Hydraulic properties of the aquifer are rather poor. Hydraulic conductivity reaches 1–12 m/day, with mean values of 5 m/day, transmissivity is also low – only 5–20 m²/day. Capacity of wells varies in a range of 0.09–8l/s.*

*When water bearing rocks are composed of limestones they contain fresh or slightly mineralised hydrocarbonate-calcium-sodium water with mineralization below 1 g/l. Such areas, however, are rather scarce and groundwaters with mineralization above 1 g/l are prevailing in the basin.*

| | |
|---|---|
| | *Upper Sarmatian Meotic aquifer system (N1S3-m), which can be included in this GWB is only partially exploited for groundwater abstraction in the southern part of the river basin. Sarmat-Meotis deposits in the area are represented by fine-grained sands and clay with the lenses of quartz sand with total thickness of the aquifer 60–70 m. This sand is water-bearing and contains good quality water. The thickness of water bearing layers is 4–5 m. Yields of exploitation wells vary between 3 and 7 m³/h. Waters from the aquifer system are supplying the needs of several enterprises. Near the Prut river valley yields of the wells increase to 10 m³/h with the drawdown of up to 30 m. This aquifer contains hydrocarbonate-sodium waters with total mineralization of 1–1.5 g/l. In some areas chemical composition changes to sulphate-hydrocarbonate-sodium and mineralization increases to 2 g/l. Hydraulic parameters of the aquifer are rather poor: hydraulic conductivity varies between 0.8–5 m/day with mean values of 2.3 m/day and transmissivity changes in a range of 10–25 m²/day, mean being 5 m²/day.*<br><br>*Groundwater monitoring results over three wells for the period from 2005 to 2009 indicate a decrease in the level of groundwater. The rate of decrease is 0.5–1.4 meter per year. This can be attributed to an increase in the water abstraction from the operating wells located in the vicinity.*<br><br>*Middle Sarmatian (Congeriev) aquifer is used for a centralised water supply in the southern part of Republic of Moldova. Groundwater is contained in fine-grained sands with interlayers of clays, sandstones and limestones. Thickness of water bearing sediments varies from 5–15 m to 40–50 m with mean values of 20–30 m. Hydraulic properties of water bearing sands are quite poor. Hydraulic conductivity changes from 0.6 to 1.9 m/day average being 1.3 m/day. Transmissivity values are also very low and do not exceed 20–50 m²/day. Depth to groundwater aquifer depends on the landscape and varies from 1.5 to 100 m. Yields of wells vary from 5 to 75 l/s. When hydrocarbonate-sulphate-chloride anions dominate in groundwater its mineralisation is below 1.5 g/l. When chloride–hydrocarbonate and sodium ions prevail total mineralization increases up to 2 g/l.*<br><br>*Groundwater from this aquifer is used for drinking and agricultural water supply in the southern part of the basin, although its chemical quality is not very favourable for consumption. Monitoring of the aquifer indicates a slight decrease in groundwater level with the rate of 0.4–0.65 m/a.*<br><br>*Pontian aquifer is spread in the southern part of Republic of Moldova. Water bearing sediments are composed of sandy clays with interlayers of sand and shell limestone with the total thickness of 70–80 m.*<br><br>*Prevailing hydraulic properties of water bearing sands are rather poor. Hydraulic conductivity changes from 3.5–3.7 with mean values of 3 m/day. Transmissivity coefficient varies between 18–45 m²/day in some places (e.g. Giurgiulesti village) increasing to 250–260 m²/day. Depth to groundwater aquifer depends on the landscape and varies from 2 to 125 m. Yields of wells vary from 1.1–2.3 l/s, increasing southwards to 3.7–7.6 l/s. Near the village of Taraklia few springs are discharging into Prut river valley with the capacity of 8–9 l/sec. Aquifer contains fresh groundwater with mineralisation <1 g/l (figure 2.6) and prevailing ions of hydrocarbonate -sulphate-chloride-sodium, sometimes sulphate – hydrocarbonate-sodium.*<br><br>*Groundwater from this aquifer is used for drinking and agricultural water supply in the southern part of the basin.* |
| Description of methodology for estimating the risk of failure to achieve the good status in 2021. | ***Romania:** The criteria for the quality status assessment were: overlying strata for litho-protection, groundwater actual quality, pressures and their possible impacts. The criterion for risk assessment of quantitative status is based on trend assessment of piezometric levels.*<br><br>***Moldova:** The main approach is a monitoring of principal quality and quantity parameters of GWB: mineralization, nitrates, fluoride, and cation* |

| | |
|---|---|
| | *changes. The study of surface and groundwater interaction. The control of water abstraction* |
| Description how climate change was considered as pressure in the risk assessment. | *see: Questionnaires on climate change adaptation for ICPDR EGs and TGs* |
| Description of the significant pressures and polluting substances | ***Moldova:*** *The significant pressure is an exceeding abstraction and possible pollution by nitrates, toxic organic substances, water wastes from surface polluted areas, and build-up of deep more salinity waters* |
| Gaps and uncertainties in the underlying data | ***Romania:*** *There are relatively insufficient data for defining of the GWB structure and only some quality and piezometric levels monitoring wells.*<br>***Moldova:*** *Small number of chemical analysis from monitoring wells. The necessity to improve Quality Control and Quality Assurance procedure in accredited laboratories. The inventory of operating boreholes is needed and creation of GIS system for groundwater assessment and monitoring.* |

## GWB-4: Sarmatian GWB

| **GWK-4** | National shares | **BG-4**<br>**RO-4** | At risk for each national GWB? (yes/no) | |
|---|---|---|---|---|
| | | | Quality (substance) | Quantity |
| List of individual GW-bodies forming the whole national share (national code incl. country code) | BG | BG1G000000N049 | No | No |
| | RO | RODL04 | No | No |
| | | | | |
| Description/Characterisation of the ICPDR GW-body | *Criteria for delineation are the development of Sarmatian permeable deposits and water resources in these deposits.*<br>*The lithological composition of water-bearing deposits is as follows:*<br>- *in Bulgaria: limestones, sands;*<br>- *in Romania: oollitic limestones and organogenic limestones.*<br>*Overlying strata consists of loess and clays.*<br>*The GWB is well protected in the clays covered areas, but is vulnerable to pollution in predominantly loess and sands covered areas. This explains nitrate contamination in some areas in Bulgaria.*<br>*The groundwater is mainly used for drinking water supply, but also for agricultural and industrial purposes.*<br>*The main pressures in Bulgaria are agriculture activities, waste landfills and less industrial plants. The criterion for selection as "important" is the size, which exceeds 4000 km$^2$ and the use for drinking water purposes.* | | | |
| Description of methodology for estimating the risk of failure to achieve the good status in 2021. | ***Romania:*** *The criterion for risk assessment of quantitative status is based on the assessment of evolution trend of piezometric levels.There is no risk of failing good chemical or quantitative status for the Romanian share of this GWB.*<br>***Bulgaria:*** *The methodology for risk-assessment was developed under the BG-DE Twinning project "Institutional Strengthening of basin authorities in Bulgaria in the implementation of the Water Framework Directive of the EU in the Danube River Basin" (Twinning Project "WFD-Danube-Bulgaria" BG2003/IB/EN/02).*<br>*The risk of failure to achieve good qualitative status is being assessed separately for point sources of pollution and for diffuse sources.*<br>*For every point source of pollution, the area potentially affected is being* | | | |

| | |
|---|---|
| | *determinate as an area of a circle with a radius of about 1 km. It is considered that there is a risk of failure to achieve the objectives when the total sum of the areas of all circles in a given GWB exceeds 30% of the exposed surface of the GWB. The analysis is being performed by GIS.*<br>*It is considered that there is a risk of failure of achievement of a good status because of diffuse sources of pollution when the total sum of the active areas of the diffuse pressure exceeds 75% of the exposed surface of the GWB.*<br>*There is a risk a GWB to fail to reach a good quantitative status when the total quantity of the water-abstraction exceeds 50% of the available GWB-resources.* |
| Description how climate change was considered as pressure in the risk assessment. | *see: Questionnaires on climate change adaptation for ICPDR EGs and TGs*<br>***Bulgaria:*** *Climate change is considered within the methodology for calculating the available groundwater resource at annual basis.* |
| Gaps and uncertainties in the underlying data | |

## GWB-5: Mures / Maros

| **GWK-5** | National shares | **HU-5**<br>**RO-5** | At risk for each national GWB? (yes/no) | |
|---|---|---|---|---|
| | | | Quality (substance) | Quantity |
| List of individual GW-bodies forming the whole national share (national code incl. country code) | HU | HU_AIQ605 | No | No |
| | HU | HU_AIQ604 | No | No |
| | HU | HU_AIQ594 | nitrates | No |
| | HU | HU_AIQ593 | No | No |
| | RO | ROMU20 | nitrates | No |
| | RO | ROMU22 | No | No |
| Description/Characterisation of the ICPDR GW-body | ***Romania:*** *Two water bodies are included in the transboundary evaluation because in the Romanian method there is a separating horizon at the limit of Upper- (RO_MU20) and Lower-Pleistocene (RO_MU22) age of the strata. Both GWBs can be lithologically characterised by pebbles, sands and clayey interlayers, but the upper part is significantly coarser with better permeability. Virtually following the same separation in the Hungarian side, the lower 100 m of the 250–300 m thick Pleistocene strata is silty-sand, sandy-silt, sand and clay, and the upper part is mainly sand with gravel, so the permeability is improving towards the surface (the hydraulic conductivity of the aquifers is ranging between 5–30 m/day). The covering layer is mainly sandy silt and clay of 3–5 m. In the Romanian side the upper GWB is unconfined and the lower is confined. In Hungary both confined and unconfined conditions occur in the southern GWB and mainly confined condition is characteristic for the GWB of upward flow system. The groundwater table is 2–4 m below the surface in Hungary. The main direction of the groundwater flow is from the South-East to the North-West. The Romanian method for the delineation leads to the following type of water bodies:*<br>1. *The groundwater systems are vertically divided in three floors according to ages:*<br>• *Holocene and Upper-Pleistocene (shallow) porous groundwater bodies,*<br>• *Lower Pleistocene porous groundwater bodies,*<br>• *Upper Pannonian porous groundwater bodies containing* | | | |

| | |
|---|---|
| | *cold waters*<br>• *Lower Pannonian and Pre-Pannonian (including porous, fissured and karstic) thermo-mineral (> 23 °C) and thermal (> 70 °C) groundwater bodies.*<br>2. *Further separation is based on surface catchment areas in the shallow GWBs, while in the case of deeper aquifers according to the development of geological formation* |
| Description of methodology for estimating the risk of failure to achieve the good status in 2021. | ***Romania:*** *The criterion for risk assessment of quantitative status is based on the assessment of evolution trend of piezometric levels.*<br>*The criteria for quality status assessment are:*<br>• *Natural protection characteristic of the overlying strata,*<br>• *Actual groundwater quality,*<br>• *Pressures and their possible impact.* |
| Description how climate change was considered as pressure in the risk assessment. | *see: Questionnaires on climate change adaptation for ICPDR EGs and TGs* |
| Description of the significant pressures and polluting substances | *See separate table on significant pressures* |
| | |
| Lower objectives identified according to Art. 4 and Annex II 2.4 and 2.5 | ***Romania:*** *No* |
| Gaps and uncertainties in the underlying data | *The estimation of the available groundwater resources is uncertain. A common (Hungarian, Romanian) research is necessary to specify the amount of lateral flow from Romania to Hungary taking into account the planned water abstraction in Romania and to estimate more precisely the water demand of the groundwater dependent ecosystems.* |

## GWB-6: Somes / Szamos

| **GWK-6** | National shares | **HU-6**<br>**RO-6** | At risk for each national GWB? (yes/no) | |
|---|---|---|---|---|
| | | | Quality (substance) | Quantity |
| List of individual GW-bodies forming the whole national share (national code incl. country code) | HU | HU_AIQ649 | No | No |
| | HU | HU_AIQ648 | No | No |
| | HU | HU_AIQ600 | No | No |
| | HU | HU_AIQ601 | No | No |
| | RO | ROSO01 | No | No |
| | RO | ROSO13 | No | No |
| Description/Characterisation of the ICPDR GW-body | *The Somes/Szamos River has formed a 30–250 m thick alluvial deposit This Holocene-Pleistocene formation is divided vertically in Romania by the horizon separating the Upper- and Lower-Pleistocene strata. In Romania two water bodies are considered, overlapping each other, covering a surface of 1440 km$^2$. According to the Hungarian approach of delineation, the cold part of the Upper-Pannonian and the Pleistocene and Holocene layers are vertically unified.*<br>***Romania:*** *In Romania, the shallow (Holocene-Upper-Pleistocene) aquifer is unconfined, consisting of sands, argillaceous sands, gravels and even boulders in the eastern part, and has a depth of 25–35 m. The silty-clayey covering layer is 5–15 m thick.*<br>*The deeper (Lower-Pleistocene) aquifer is confined (it is separated from* | | | |

| | |
|---|---|
| | *the Upper-Pleistocene part by a clay layer); its bottom is declining from 30 m to 130 m below the surface from East to West. The gravely and sandy strata (characteristic to westwards from Satu-Mare town) represent the main aquifer for water supply in the region.* |
| Description of methodology for estimating the risk of failure to achieve the good status in 2021. | ***Romania:*** *The criterion for risk assessment of quantity status is based on evolution trend assessment of the groundwater piezometric levels. The criteria for the quality status assessment were: overlying strata for litho-protection, groundwater actual quality, pressures and their possible impacts.*<br>*Romania, the groundwater monitoring network in the alluvial fan of Somes River includes 31 observation wells for the shallow GWB (from qualitative point of view) and 110 monitoring wells for piezometric levels (from quantitative point of view). For the deeper GWB, the qualitative monitoring network is formed by 10 observation wells and 4 wells for piezometric levels.* |
| Description how climate change was considered as pressure in the risk assessment. | *see: Questionnaires on climate change adaptation for ICPDR EGs and TGs* |
| Gaps and uncertainties in the underlying data | *More information is needed about the lateral flow from Ukraine and a more precise estimation of the water demand of the groundwater dependent ecosystem is required.*<br>*Although the pressure from the diffuse sources of pollution was assessed as not significant, more information is needed about their real impact; development of the actual monitoring is necessary.* |

## GWB-7: Upper Pannonian – Lower Pleistocene / Vojvodina / Duna-Tisza köze deli r.

| **GWK-7** | National shares | **HU-7**<br>**RO-7**<br>**RS-7** | At risk for each national GWB? (yes/no) | |
|---|---|---|---|---|
| | | | Quality (substance) | Quantity |
| List of individual GW-bodies forming the whole national share (national code incl. country code) | HU | HU_AIQ528 | No | No |
| | HU | HU_AIQ523 | No | No |
| | HU | HU_AIQ532 | No | No |
| | HU | HU_AIQ487 | No | No |
| | HU | HU_AIQ590 | No | Yes |
| | HU | HU_AIQ529 | nitrate | Yes |
| | HU | HU_AIQ522 | No | No |
| | HU | HU_AIQ533 | No | Yes |
| | HU | HU_AIQ486 | No | No |
| | HU | HU_AIQ591 | nitrate | Yes |
| | RO | ROBA18 | No | No |
| | RS | RS_TIS_GW_SI_1 | No | No |
| | RS | RS_TIS_GW_SI_2 | No | No |
| | RS | RS_TIS_GW_SI_3 | No | No |
| | RS | RS_TIS_GW_SI_4 | No | No |
| | RS | RS_TIS_GW_SI_7 | No | No |
| | RS | RS_D_GW_SI_1 | No | No |
| | RS | RS_TIS_GW_I_1 | No | Yes |
| | RS | RS_TIS_GW_I_2 | No | Yes |
| | RS | RS_TIS_GW_I_3 | No | Yes |
| | RS | RS_TIS_GW_I_4 | No | Yes |
| | RS | RS_TIS_GW_I_7 | No | Yes |
| | RS | RS_D_GW_I_1 | No | Yes |
| Description/Characterisation of the ICPDR GW-body | ***Romania:*** *Criterion for delineation of this regional body was the development of fluvial-lacustrine Pannonian-Pleistocene aquiferous deposits, in the Bega and Timis River Basins. Lithologically, the water-bearing deposits are constituted of thin layers with fine towards medium grain-size (sands, rarely gravels), sometimes with lens aspect, situated at depth of 30 - 350 m. The overlying strata are predominantly represented by detritic Quaternary deposits.*<br>*GWB is mainly used for drinking water supply, agricultural and industrial supplies.The criterion for selection as "important" consists in its size that exceeds 4000 km².*<br>***Serbia:*** *The whole aquifer system of the Danube-Tisza region stretches from the foothills of the northern mountainous region of Hungary to the Danube in Serbia, where the river flows to the south-east. The western boundary is the Danube itself downstream of Budapest in Hungary but after crossing the Hungarian border it enlarges towards Slavonia (western part of Backa in Croatia). The eastern boundary is somewhat east from the Tisza River in Hungary and in Serbia it includes the Banat as well, whose eastern part is in Romania. The Danube, Tisza and Timis Rivers are important discharge-lines but cannot be considered as pure hydrodynamic boundaries, since there is some flow under the river in the deeper aquifer that is not discharged into the river.*<br>*The porous aquifer system between the Danube and Tisza Rivers is the biggest geological unit of the Pannonian Basin. It lies mainly in Hungary and Serbia, with a smaller part in Croatia and Romania. Serbia and Hungary have selected it as an important transboundary GWB complex because: (i) size, (ii) importance in supplying drinking water for the population and (iii) the need to satisfy the water demand of agriculture and industry, (iv) protected areas cover a large part of the GWB complex* | | | |

| | |
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| | *(protection zones for vulnerable drinking water resources, nature conservation areas and nitrate-sensitive areas).* |
| Description of methodology for estimating the risk of failure to achieve the good status in 2021. | ***Romania:*** *The criteria for the quality status assessment were: overlying strata for litho-protection, groundwater actual quality, pressures and their possible impacts. The criterion for risk assessment of quantitative status is based on the assessment of evolution trend of piezometric levels.*<br>***Serbia:*** *To assess the risk of failure to achieve good chemical status due to diffuse sources of pollution, a risk map was compiled based on natural characteristics and pollution susceptibility (vulnerability map), and on local facilities and activities (pressures) which might contribute to pollution (land use map). Only present pressures were considered because of the difficulties in estimation of future pressures (especially from agriculture).*<br>*Considering the risk of not achieving good quantitative status, GWBs within which there is a registered trend of groundwater level decrease as a consequence of abstraction are considered to be at risk. For this purpose, data time series of registered groundwater levels were used where organized monitoring of aquifers exists. Where results of quantitative monitoring were missing or limited, the estimation of GW balance was calculated, using available data on precipitation, abstraction etc. Assessment of risk from non-achievement of the good quantitative status until 2021 was carried out based on the criteria that average GW abstraction over several years < 50% of groundwater recharge, no substance intrusion into the body caused by the change of GW streaming direction and associated surface ecosystems are not endangered by GW abstraction. In case one or more of these criteria is not fulfilled the GW body is "at risk".* |
| Description how climate change was considered as pressure in the risk assessment. | *see: Questionnaires on climate change adaptation for ICPDR EGs and TGs* |
| Description of the significant pressures and polluting substances | ***Serbia:*** *For quantitative status, GW abstraction for drinking water and agricultural purposes are the main types of pressures at present, which are considered to be also significant pressures in the future* |
| Lower objectives identified according to Art. 4 and Annex II 2.4 and 2.5 | |
| Gaps and uncertainties in the underlying data | ***Romania:*** *There are almost sufficient data for defining of GWB structure and few quality and piezometric levels monitoring wells.*<br>***Serbia:***<br>- *lack of long series of monitoring data on chemical status (no trend analysis possible)*<br>- *lack of monitoring data on quantitative status out of the influence of GW abstraction*<br>- *no defined strategy on future use of GW for irrigation, industry and other purposes ⇒ difficult to assess the future impacts*<br>- *impacts of CC in the period of 2nd RBM cycle often not analyzed in projects, only period 2021-2050 and after (until 2100).* |

## GWB-8: Podunajska Basin, Zitny Ostrov / Szigetköz, Hanság-Rábca

<table>
<tr><td>GWK-8</td><td>National shares</td><td>HU-8<br>SK-8</td><td colspan="2">At risk for each national GWB? (yes/no)</td></tr>
<tr><td></td><td></td><td></td><td>Quality (substance)</td><td>Quantity</td></tr>
<tr><td rowspan="6">List of individual GW-bodies forming the whole national share (national code incl. country code)</td><td>HU</td><td>HU_AIQ654</td><td>No</td><td>No</td></tr>
<tr><td>HU</td><td>HU_AIQ572</td><td>No</td><td>No</td></tr>
<tr><td>HU</td><td>HU_AIQ653</td><td>nitrate</td><td>No</td></tr>
<tr><td>HU</td><td>HU_AIQ573</td><td>No</td><td>No</td></tr>
<tr><td>SK</td><td>SK1000200P</td><td>ammonium</td><td>No</td></tr>
<tr><td>SK</td><td>SK1000300P</td><td>ammonium</td><td>No</td></tr>
<tr><td>Description/Characterisation of the ICPDR GW-body</td><td colspan="4">Slovak Republic: The delineation consists of the following steps:<br>1. The aquifers are vertically divided in three floors: Quaternary sediments, Pre-quaternary strata containing cold waters, thermal aquifers (temperature > 25°C or it is considered as thermal by classification).<br>2. The pre-quaternary strata are further divided horizontally by geological types of the aquifer: volcanic rocks, other fissured rocks, karstic rocks, porous sediments.<br>3. Further separation is due to the borders of the surface catchment areas considered as river basin management units.<br>Hungary: The delineation of groundwater bodies in Hungary has been carried out by:<br>4. Separation of the main geological features: porous aquifers in the basins, karstic aquifers, mixed formations of the mountainous regions, other than karstic aquifers.<br>5. Thermal water bodies are separated according to the temperature greater than 30 °C. In the case of porous aquifers it is done vertically, while in karstic aquifers horizontally. There are no thermal aquifers in the mountainous regions other than karstic.<br>6. Further division is related to the subsurface catchment areas and vertical flow system (in the case of porous aquifers) and to the structural and hydrological units (in the case of karstic aquifers and mountainous regions).<br>For transboundary water bodies the more detailed further characterisation is carried out (n.b. because of the numerous transboundary water bodies and the expected further 20–30 % due to the risk of failing good status, Hungary decided to apply the methodology of further characterisation for all water bodies).<br>Reasons for selecting as important transboundary groundwater body<br>The large alluvial deposit of the River Danube downstream Bratislava lies in three countries: Slovakia (Podunajská lowland and its part: Žitný ostrov), Hungary (Northern part of Kisalföld including the Szigetköz) and in Austria. The aquifer system has been considered by Slovakia and Hungary as an important transboundary aquifer because of (i) its size, (ii) the unique amount of available groundwater resource and the important actual use for drinking water and other purposes as well (iii) the groundwater dependent terrestrial ecosystem of the floodplain, (iv) majority of the area is protected (protection zones of drinking water abstraction sites, nitrate sensitive areas, nature conservation areas), (v) the existence of the Gabcikovo Hydropower System. Parts lying in these two countries will be described in the following.<br>General description<br>The Danube has been playing the decisive role in the formation of the aquifer system. The main aquifer is made up of 15–500 m thick Quaternary alluvia: hydraulically connected mixture of sands, gravels,</td></tr>
</table>

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| | *intercalated with numerous clay and silt lenses. The average hydraulic conductivity is in the range of 100–500 m/day providing extremely high transmissivity, especially in the centre of the basin. Here, the bottom of the underlying Pannonian deposits is at a depth of 3500 m.*<br><br>*The aquifer is divided into several groundwater bodies in both countries. Despite the differences in the delineation method of the two countries, it was possible to select the relevant water bodies from transboundary point of view: two water bodies containing cold water in Hungary, which beside the Quaternary strata include some part of the Upper-Pannonian deposits as well, to the depth of 400–500 m corresponding to the surface separating cold and thermal waters (1160 km2) and two Quaternary water bodies in Slovakia (2193 km2) have been selected, i.e. 3353 km2 in total (see the summary table above).*<br><br>*The aquifer can be considered as unconfined, despite the considerable area where the water level is in the semi-permeable covering layer.*<br><br>*Due to the high transmissivity of the aquifer, the groundwater regime and groundwater quality mainly depend on the surface water. The flow system and the type of covering layer provide surplus recharge condition in the majority of the area, but the main source of groundwater recharge is the Danube. Before the construction of the hydropower system (1992), the riverbed had been the infiltration surface, and the Danube's line had been the hydraulic boundary between the countries as well (in upper parts of Danube stream between Devín and Hrušov, approximately since 1970's, river bed started to drain groundwater). In the actual situation, the artificial recharge system is the main source for the vicinity of the Danube, but a remaining part of the aquifers in the Hungarian territory is recharged by the Čunovo reservoir. Where the reservoir is in the neighbourhood of the main channel (between Rajka and Dunakiliti) considerable transboundary groundwater flow appears under the Danube. The Danube's river bed downstream the reservoir – due to the derived flow and the consequently decreased average water level - drains the neighbouring groundwater, causing considerable drop of groundwater level in the imminent vicinity of the river bed. Both the quantity and the quality of the recharge from the reservoir highly depend on the continuously increasing deposit in the reservoir and the developing physico-chemical processes. Deposits in the reservoir are extracted. Signs of long-term changes of quantity and quality of recharge caused by continuously increasing deposit in the reservoir were not observed in the Slovak part of the aquifer yet.*<br><br>*The depth of the groundwater table varies between 2 and 5 m. The wetting conditions of the covering layer has substantially changed along the Danube and in the lower Szigetköz, where prior to the derivation of the Danube the groundwater has fluctuated in the covering layer and the existing artificial recharge system does not compensate sufficiently the former influence of the Danube. On the Slovak territory, annual artificial flooding of the river system in the high water periods seems to efficiently supply groundwater as well as the soil moisture resources.*<br><br>***Major pressures and impacts***<br><br>*As a result of the favourable hydro-geological conditions, large amount of groundwater is abstracted in both countries. The actual abstraction is 19.5 Million and 75.7 Million m3/year respectively in Hungary and in Slovakia. The groundwater is mainly used for drinking water and irrigation. On the Slovak side, water supply from this area covers almost all the water demand of Bratislava area, which means about 500 000 inhabitants. In Hungary 220 000 people are supplied from that source. The area is considered as important future water resources as well. The estimated total available groundwater resource (including forced bank filtration) is about 600 Mm3/y in Slovakia and approximately 300 Mm3/y in Hungary, suitable for supplying large regional pipeline system, which* |

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| | *can provide healthy drinking water beyond the region as well.*<br>*The groundwater level monitoring is very much extended in both countries. In Hungary around 330 monitoring wells (out of app. 10 % medium and deep wells) provide water level time series. Piezometric levels are monitored on 277 monitoring wells in Slovakia, where approximately 70% of time series data reaches 40 years of not interrupted monitoring. This amount of data is sufficient for analysing all changes and tendencies.*<br>*Vegetation of the Danube's floodplain consists mainly of forest, which has been largely influenced by the depth of groundwater table. Since close to the Danube the original level and fluctuation has not yet been restored by measures, this part of the water body needs special attention in the future, focusing on the determination of appropriate criteria of the ecosystem and the monitoring. No trend due to groundwater abstraction has been detected in the Hungarian side.*<br>*Eight significant point sources of pollution can be accounted from the Hungarian national database. The nitrogen fertilizer use is 80 kgN/ha, and together with the 16 kg N/ha manure it leads to an average surplus-Nitrogen of 4 kg N/ha/year. In the settlements without sewer system 160 t Nitrogen is infiltrated to the groundwater, which result polluted groundwater under the settlements, but do not endanger the whole groundwater body.*<br>*Water quality monitoring has been installed in both countries. In Hungary, the monitoring programme includes 130 wells, which are observed 1-4 times per year for regular components. In Slovakia the monitoring programme in this area includes 51 multi-levelled monitoring sites, where 36 are observed 2 times per year and 15 are observed 4 times per year. It is valid for both countries that lower levels of dissolved oxygen (indicating reducing conditions) cause relatively high concentrations of iron and manganese. Exceeded limit values of organic substances in Slovakia occur only sporadically (nonpolar extractable substances, 1,1-dichloroethane).*<br>*In the eastern part of Hungary, in the vicinity of the Austrian border the monitoring wells show higher Nitrate-concentration than 50 mg/l. The extension is not known exactly, but the similar pollution in the Austrian side and the direction of the flow (from Austria to Hungary) makes evident that the trend is increasing.*<br>*In Slovakia the area is a protected water management area. The high vulnerability and the intensive water abstraction and agricultural activities require high level of protection of the available resources. In Hungary the entire area is nitrate-sensitive, 12 % belong to protected zones of vulnerable drinking water abstraction sites, and 15 % to nature conservation areas.* |
| Description of methodology for estimating the risk of failure to achieve the good status in 2021. | ***Slovak Republic:*** *To evaluate the quantitative status of GWB and to estimate the risk of failure of achieving good quantitative status, two mainstream approaches were applied:*<br>*(1) Complex setting of the ratio of acceptable withdrawals load from the available groundwater resources within groundwater bodies.*<br>*Data of the State water management balance of groundwater for pertinent GWB - available groundwater resources and data on groundwater withdrawal are used. The available groundwater resources are determined either according to the hydrological balance of the area, or on the basis of documented groundwater sources inventory (pumping tests in the wells, long-term data about spring discharges). Data on groundwater withdrawals are based on the state database of realized withdrawals according to the applicable legislation (registration of withdrawals over 1250 $m^3$ per months, 9000 points).*<br>*Groundwater body is at risk to reach good quantitative status if:* |

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| | - *the annual groundwater withdrawals during last 5 years for the whole GWB exceed 50 % of the documented available groundwater resources;*<br>*or*<br>- *inside of GWB there are localities with groundwater abstraction more than 85% of documented groundwater sources (ecological aspect of abstraction) .*<br>*(2) Trend analyses of monitored groundwater table levels within groundwater bodies and assessment of potential decreasing trends,*<br>*Groundwater body is also at risk to reach good quantitative status if:*<br>- *the linear trend evaluation of long term monitoring data of groundwater regime show important decreasing trend and in the same time there is documented influence on the dependent ecosystems.*<br>*The evaluation of chemical status and estimating the risk of failure to achieve good status of GWB were based on :*<br>▪ *Evaluation of present qualitative status of groundwater*<br>▪ *Determination of potential risk owing to which groundwater does not reach "good chemical status"*<br>*Evaluation of present qualitative status of groundwater in Slovakia is realized according to the chemical composition of groundwater consisted of 16 359 analyses (statistical density of sampling was 3 samples/1 $km^2$) divided into the delineated groundwater bodies. As quality criterium a "contamination index" is selected (Backman-Bodiš-Lahermo-Rapant-Tarvainen, 1998), which were calculated for each analysed component that exceed limit value of National Drinking Water Standard. For calculation of contamination index of each sample, the following input indicators of groundwater were used: total dissolved solids (TDS), $NO_3$, Cl, $SO_4$, As, F, Cd, Cu, Cr, Pb, Hg, Se, $NH_4$, Al, Mn, Zn, Fe, Na and Sb.*<br>*Potential risk of delineated GWBs is estimated on the basis of evaluation of potential impacts of diffuse and point sources of pollution and groundwater vulnerability. Particular information layers are:*<br>▪ *Land use classes (Corine Land Cover)*<br>▪ *Point sources of contamination (GeoEnviron system)*<br>▪ *Present groundwater quality map of Slovakia*<br>▪ *Map of groundwater vulnerability*<br>*For estimation of potential risk from <u>diffuse sources</u> of contamination classification of land use classes is used. Map of loads is combined with vulnerability map.*<br>*Evaluation of potential risk from <u>point sources</u> for whole area of Slovakia is based on a complex methodology, processed by GeoEnviron system by means of final risk score. Sum of groundwater risk was determined based on the final risk scores. Database of this system contains the following data sources (7764 sites) - database of landfills and point sources of pollution.*<br>*Cumulative potential risk map from <u>diffuse and point sources</u> is compared with present groundwater quality map of Slovakia.*<br>*Groundwater body is at risk to reach good qualitative status if :*<br>▪ *poor groundwater quality according to the map of present qualitative status*<br>▪ *moderate and high potential cumulative risk of point and diffuse sources of pollution according to the potential impact and properties of aquifer (vulnerability).*<br>*Independent potential risk point sources of pollution are located in moderate and highly vulnerable environment and show high potential impact on groundwater, whereas are not located in higher defined areas.* |

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| | *While identification of groundwater bodies at risk, at risk is water body with following criteria:*<br>• *Potential area of pollution for one point source is 79 km$^2$ (by 5 km radius of potentially polluted area around point source)*<br>*Allowed number of point sources in GWB = (GWB area / 79).0,5*<br>***Hungary:*** *The quantitative status is primarily evaluated by comparing the available groundwater resources and the actual groundwater abstraction (considered as valid for the coming years as well). The available groundwater resources is calculated for each groundwater body as the average recharge of the period 1991-2000 decreased by the water demand of springs, rivers in low flow period and vegetation in summer, furthermore the lateral flow from recharge to discharge area. The recharge is estimated by a national scale water balance model, while the water demands of the ecosystems are estimated in function of the morphology and groundwater flow system. Where the available information allow, area affected by decreasing groundwater levels due to groundwater abstraction are also delineated. Known requirements related to the good status of the groundwater dependent ecosystems can also be applied.*<br>*Groundwater body is at risk from quantitative point of view, if (i) the area identified as affected by decreasing tendency of groundwater levels is larger than 20 % of the area of the groundwater body; or (ii) the actual abstraction is more than 80 % of the estimated available groundwater resources of the water body, or (iii) important groundwater dependent ecosystem is significantly damaged by anthropogenic alterations.*<br>*Evaluation of the chemical status is based on the analysis of N-load from different diffuse sources (fertilizers and manure in agricultural area and in settlements as well as infiltrated communal wastewater from unsewered settlements and on the assessment of hazard from point sources of pollution.*<br>*For each groundwater body the ratio of area where higher Nitrate-concentration than 37.5 mg/l is expected until 2015. The estimated concentration corresponds to the weighted average of the upper 50 m of the water body. It is estimated in the case of different land uses (using data of 3200 settlements and information on 2500 locations where N-balance has been established between 1999-2003, grouped into 12 types of crop and 12 agricultural homogeneous regions).*<br>*Data of existing monitoring in agricultural land is also used for the evaluation, if the density allows reliable identification of the areas where the weighted Nitrate-concentration of the upper 50 m greater than 37,5 mg/l. At present pollution of pesticides can be assessed only at national level.*<br>*Water body is at risk due to diffuse sources of pollution if in 12 years the weighted concentration of the upper 50 m is greater than 37.5 mg/l in more than 20 % of the water body's area. The urban land use and the arable lands can be evaluated separately, in order to see their contribution.*<br>*For the evaluation of the risk related to the point sources of pollution significant pollution sources are selected from the national database containing information on 15000 potential and existing pollution sources. Criteria for selection: hazardous substances or pollutants in large extent and soluble and mobile in water, groundwater or soil already polluted, no appropriate technical protection. A factor of hazard for each pollution sources is determined considering the hazard of the pollutants, size of the source of pollution, recharge and groundwater flow system, protection zone of groundwater abstraction sites, probability of pollution of groundwater, uncertainty of the existing information. This factor of hazard can be considered as an estimate of* |

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| | *the affected volume of groundwater, whom the average concentration after 12 years is equal to a threshold value.*<br>*The water body is at risk because of point sources of pollution, if the sum of the affected volumes is larger than 20 % of the total volume of the upper 50 m of the water body.*<br>*The overall risk corresponding to the achievement of chemical status is determined based on the sum of the affected volume determined for both point and diffuse sources of pollution. In the case of diffuse pollution the volume can be estimated from the ratio of area, considering the 50 m thick upper part of the water body.*<br>*The water body is considered at risk, if the sum of the affected volume corresponding to point and diffuse sources is larger than 20 % of the total volume of the upper 50 m of the water body.*<br>*As a result of the risk assessment, the groundwater bodies in Hungary will be classified in one of the four classes:*<br>1. *The good status can be achieved in 2015 (based on reliable, sufficient information).*<br>2. *Achievement of the good status is at risk (based on reliable, sufficient information).*<br>3. *Achievement of the good status is possibly at risk (the available information suggests risky situation, but the decision is not obvious either because the reliability of the data, or the uncertainty of the methodology),*<br>*Decision is not possible, because the uncertainty of the available information (insufficient data and knowledge) makes larger interval of the possible results than acceptable, i.e., any of the above 3 types of decision can be taken.* |
| Description how climate change was considered as pressure in the risk assessment. | *see: Questionnaires on climate change adaptation for ICPDR EGs and TGs* |
| Description of the significant pressures and polluting substances | *The groundwater quality is influenced by various factors such as surface waters connected to the aquifer, household wastes from settlements, but also contaminants from stockyards and from agricultural practices, since the region is important agricultural area in both countries. In geologically vulnerable area a few settlements without sewage system must be considered as potential source of pollution as well.* |
| Lower objectives identified according to Art. 4 and Annex II 2.4 and 2.5 | *No lower objective is necessary at the moment* |
| Gaps and uncertainties in the underlying data | *Research of interaction between groundwater and terrestrial ecosystem is required.* |

## GWB-9: Bodrog

<table>
<tr><td rowspan="2">GWK-9</td><td rowspan="2">National shares</td><td rowspan="2">HU-9<br>SK-9</td><td colspan="2">At risk for each national GWB? (yes/no)</td></tr>
<tr><td>Quality (substance)</td><td>Quantity</td></tr>
<tr><td rowspan="3">List of individual GW-bodies forming the whole national share (national code incl. country code)</td><td>HU</td><td>HU_AIQ495</td><td>No</td><td>No</td></tr>
<tr><td>HU</td><td>HU_AIQ496</td><td>No</td><td>No</td></tr>
<tr><td>SK</td><td>SK1001500P</td><td>No</td><td>No</td></tr>
<tr><td>Description/Characterisation of the ICPDR GW-body</td><td colspan="4">Delineation: see GWB-8<br>Reasons for selecting as important transboundary groundwater body<br>At the common eastern border of Slovakia and Hungary, the alluvial aquifer system corresponding to the Bodrog River catchment area in Slovakia and the Tisza-valley between Záhony and Tokaj (confluence with the Bodrog River) has been selected as important due to (i) its significance in meeting the water demand of the region, (ii) contamination threat of the groundwater in the vicinity of state border between Slovakia and Hungary. Some part of the water aquifer system is in Ukraine.<br>General description<br>The aquifer is the alluvial deposit of the Bodrog River and its tributaries. The Tisza divides the lowland area in Hungary into Bodrogköz (northern part) and Rétköz (Southern part). Holocene silty-clayey layers cover the surface with peaty areas. The Quaternary aquifer is around 60 m thick in the Slovakian side and its thickness gradually increases in Hungary towards the South (50-200 m). The fluvial sediments (from sandy gravels in the North to sands is the South with intercalated silt and clay lenses) can be characterized by 5 – 30 m/d hydraulic conductivity.<br>In the Slovakian part only the Quaternary aquifer system is part of the transboundary water body-complex while in Hungary the Upper part of the Pannonian formation is also attached (depth is app. 500 m, corresponding to water temperature less than 30 oC). The horizontal extension of the water body in the Slovak side is 1466 km2, while in Hungary the two water bodies cover an area of 1300 km2.<br>The main recharge area is in the Slovakian territory. The rain waters infiltrate at the marginal mountains and penetrate into permeable deep aquifers. In the upstream part of the catchment area surface waters also contribute to the recharge. In the Slovakian side the water bodies are mainly unconfined or in some places partly confined. In Hungary both water bodies are in discharge position and the main aquifers can be considered as confined. Here the groundwater level lies close to (between 2 and 4 m below) the surface. Where it is around 2 m below the surface, the groundwater can considerably contribute to the transpiration need of the vegetation, which are adapted to that condition, and consequently they are very sensitive to the status of the groundwater. The surplus of evapotranspiration and the artificial drainage system (canals) collect the upward groundwater flow. From South, the sandy hills of Nyírség contribute to the discharged groundwater as well, but the boundary of the waters of different origin is not exactly known (that is why both discharge areas in Hungary have been attached to the transboundary aquifer). The general direction of the groundwater flow is N-S (NE-SW) to the North of the Tisza River and SE-NW in the Rétköz and uncertain below the Tisza.<br>The regional hydro-geochemical picture follows the flow system. Close to the river bed sections recharging groundwater, the water quality is almost the same as in surface streams. Generally low TDS, Ca-Mg-HCO3 type waters occur in the recharge areas, Na-HCO3 waters dominate in the middle and western part of Rétköz, and mixture of these</td></tr>
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| | *two types in the western part of Bodrogköz region. At the centre of the Bodrogköz, elevated Cl-content indicates strong upward migration from the deeper zones.*<br>*The major water quality problem of natural origin in the Bodrogköz Quaternary aquifer complex is the high iron and manganese content (reducing conditions). In the Rétköz elevated (10 - 30 µ/l) arsenic-content occurs.*<br>*The estimated amount of available groundwater resources is almost 50 Mm3/year in the Slovakian part, out of that 10–15 Mm3/year should be maintained as lateral flow towards the Hungarian part. It is to be mentioned, that the southern part of the Hungarian discharge area receives water from the southern recharge areas as well, but no local recharge can be considered available for abstraction in the Bodrogköz and Rétköz.*<br>***Major pressures and impacts***<br>*The groundwater is mainly used for drinking water supply, but partially for industrial and agricultural purposes (inc. irrigation) as well. The use ratio is quite low in Slovakia: only 10 %. The development is limited by occurrence of technologically inappropriate substances in water (Mn, Fe) and sometimes also by groundwater pollution from surface waters, industry, agriculture and transport infrastructure (Strážske, Hencovce, Michalovce, Čierna nad Tisou).*<br>*In Hungary the available groundwater resources of the two water bodies are quite different. In the northern part, which is in close relation to the Slovakian part, the water demand of the groundwater dependent aquatic and terrestrial ecosystems can be estimated at 5–8 Mm3/d, thus the available groundwater resources is in the range of 5–7 Mm3/year. The abstracted amount of groundwater is 3 Mm3/year, so the ratio is around 50 %, but the majority is concentrated to Ronyva/Roňava river valley. In the southern part, the lateral flow from the recharge zone of Nyírség (app. 30 Mm3/year) provides sufficient water for the minimum water demand of ecosystems (8-12 Mm3/year) and for 8 Mm3/year of abstraction.*<br>*In Hungary 10 significant point sources of pollution have been registered. The shallow groundwater has usually high nitrate under the settlements, because of the inappropriate handling of manure and the totally or partially missing sewer systems. The agriculture contributes to the pollution as well, through use of chemicals. The estimated amunt of surplus Nitrogen is 15 kgN/ha/year originated from the use of 88 kgN/ha/year fertilizer and 13 kgN/year manure.*<br>*The groundwater quality in Slovakia is monitored in 17 sampling sites, groundwater samples are taken from the first aquifer 2 times per year). The Hungarian water quality monitoring is concentrating in the surrounding of waterworks. The quality of the Ronyva/Roňava aquifer close to the waterworks of Sátoraljaújhely shows increasing tendency of Nitrate pollution: the average concentration is around 30 mg/l, and in one production well the Nitrate-concentration exceeds the limit value of 50 mg/l. Information on pollution in arable lands is practically missing in this region.*<br>*The high vulnerability of groundwater and the expected future development in water demand requires high level of protection in the Slovakian part of the region mainly oriented to measures focused on industrial pollution sources. In Hungary the protection zones of the waterworks (5 %) need special attention.* |
| Description of methodology for estimating the risk of failure to achieve the good status in 2021. | *See GWB-8* |

| | |
|---|---|
| Description how climate change was considered as pressure in the risk assessment. | *see: Questionnaires on climate change adaptation for ICPDR EGs and TGs* |
| Gaps and uncertainties in the underlying data | *Research of interaction between groundwater and terrestrial ecosystem is required.* |

## GWB-10: Slovensky kras / Aggtelek-hgs.

| **GWK-10** | National shares | **HU-10**<br>**SK-10** | At risk for each national GWB? (yes/no) | |
|---|---|---|---|---|
| | | | Quality (substance) | Quantity |
| List of individual GW-bodies forming the whole national share (national code incl. country code) | HU | HU_AIQ485 | No | No |
| | SK | SK200480KF | No | No |
| | | | | |
| Description/Characterisation of the ICPDR GW-body | ***Delineation: see GWB-8***<br>*Reasons for selecting as important transboundary groundwater body*<br>*The Aggtelek Mountain and the Slovensky kras form a large common karstic aquifer system in the Eastern part of the counrtries. It is selected for presenting in the Danube-basin report as important transboundary water body: (i) National Park covers the majority of its surface, where the role of the groundwater is presented by springs and stalactite caves, (ii) significant drinking water resource in Slovakia, regionally important in Hungary (iii) vulnerable area requiring protection.*<br>*General description*<br>*The groundwater body is in a Mesozoic complex with morphologically visible karstic plateau and canyon-like valleys of water courses, separating different units. Hydrogeological units are very different according to the character of permeability, character of groundwater circulation, type of groundwater regime, and also in the resulting yield of groundwater springs. From hydro-geological point of view, the most important tectonic unit in the area is the Silicicum unit, mainly its Middle Triassic and Upper Triassic part. The most important aquifer here is the Middle and Upper Triassic limestone and dolomites with karst-fissure type of permeability. Similarly important hydrogeological units in the Hungarian side are Alsóhegy, Nagyoldal, Hasagistya and Galyaság, which contain the Aggtelek-Domica cave system. Tertiary basins act as a regional impermeable barrier for the groundwater accumulated in Triassic limestone.*<br>*The transboundary karstic aquifer is divided into two water bodies by the state-border. The horizontal extensions are 598 km2 and 471 km2 respectively in Slovakia and in Hungary, thus the total size is 1069 km2.*<br>*Groundwater circulation in these rocks is controlled by extreme heterogeneity of carbonate rocks, following the tectonic development. These tectonically pre-destinated drainage structures show the major influence on the directions of groundwater flow. Majority of groundwater is drained towards big karstic springs. Areas between such tectonic faults are less karstified and also less permeable. If not drained by cave systems or permeable tectonic faults, groundwater usually feeds the Quaternary coverage. Specific hydraulic feature of the karstified carbonate complex with preferred drainage structures is that no continuous groundwater table ca be defined within the rock mass. Groundwater in many cases only fills up karstic openings – conduits, sometimes enlarged into the cave systems, while segments between the preferred groundwater routes are unsaturated. On the other hand, groundwater level changes in these zones are sharp and show quick* | | | |

| | |
|---|---|
| | *response to the meteorological situation. Typical amplitude of groundwater level change is from 5 to 15 m. In such levels above the erosion base perennial springs occur after an intensive rainfall events or sudden snowmelts. Hidden outflow to the deeper structures within and outside of the area the territory (generally of westward direction under the Tertiary sediments of the Rimavská kotlina Basin) is considered to be quite important from the water management point of view. Groundwater abstraction for various purposes is concentrated at the natural outflows of springs – relatively small portion is abstracted by pumping from boreholes and wells.*<br>*Major pressures and impacts*<br>*The estimated amount of available resources in Slovenský kras is 40,4 Mm3/year, the actual use is 21 % of available resources, mainly for drinking water purposes.*<br>*In the Hungarian side only the amount of karstic water is utilized, which flows out naturally from karstic springs in Jósvafő, Szögliget, Komjáti, Égerszög and Aggtelek. There are enough data about karst spring discharge. Observed discharge data are available for a period of nearly 30 years. Because of the National Park no important karstic water abstraction will be planned on the area.*<br>*National Parks cover the majority of the area. In addition, in Hungary the total area of the groundwater body is considered as Nitrate-sensitive.*<br>*5 sampling sites, groundwater samples are taken from the first aquifer, 2 sampling sites are observed 2 times per year, 3 are observed 4 times per year. Quality monitoring shows no deterioration of the water quality compared to drinking water standard.*<br>*6 karst springs are monitored 4 times per year for quality sampling in Hungary, which do not show signs of pollution.* |
| Description of methodology for estimating the risk of failure to achieve the good status in 2021. | *See GWB-8* |
| Description how climate change was considered as pressure in the risk assessment. | *see: Questionnaires on climate change adaptation for ICPDR EGs and TGs* |
| Gaps and uncertainties in the underlying data | *Research of interaction between groundwater and terrestrial ecosystem is required.* |

## GWB-11: Komarnanska Vysoka Kryha / Dunántúli-khgs. északi r.

| **GWK-11** | National shares | **HU-11**<br>**SK-11** | At risk for each national GWB? (yes/no) | |
|---|---|---|---|---|
| | | | Quality (substance) | Quantity |
| List of individual GW-bodies forming the whole national share (national code incl. country code) | HU | HU_AIQ558 | No | Yes |
| | HU | HU_AIQ552 | No | Yes |
| | HU | HU_AIQ564 | No | Yes |
| | SK | SK300010FK | No | |
| | SK | SK300020FK | No | |
| Description/Characterisation of the ICPDR GW-body | ***Delineation**: see GWB-8*<br>***Reasons for selecting as important transboundary groundwater body***<br>*The Middle and Upper-Triassic karstic dolomite and limestone formation of the northern part of the Transdanubian Mountain (Hungary) and the* | | | |

| | |
|---|---|
| | *Komarnanská Výsoká Kryha (Slovakia) belong to one of the largest karstic aquifer systems in Central Europe. It provides good quality drinking water for the population of the region in Hungary, contributes to the characteristic landscape by supplying springs and the deeper part of the aquifer system is very important thermal water resources in both countries.*<br>***General description***<br>*The karstic formation of the northern part of the Transdanubian Mountains is composed mainly of Upper-Triassic dolomite and limestone. The considerable matrix porosity of the dolomite is due to the dense fissure-system, while in the limestone large fractures are characteristic along the faults. The elevated open karstic zones are separated by sunken basins, where the thickness of the covering layer is several hundred meter. Above the thermal part it exceeds 500 m of thickness (in some places it reaches even 2500 m) consisting of different types of sediments: sand, clay, marl, sandstone, Eocene karstic formation with brown coal.*<br>*The Slovakian part (the Komarno block) extends between Komarno and Sturovo. It is fringed by the Danube River in the South and by the E-W Hurbanovo fault in the North. The southern limit along the Danube is tectonic as well and therefore the Komarno block is a sunken tract of the northern slope of the Gerecse and Pilis Mountains. The Komarno block consists largely of Triassic dolomites and limestones up to 1 000 m in thickness. The surface of the pre-Tertiary substratum plunges towards the north from a depth of approximately 100 m near the River Danube to as much as 3 000 m near the Hurbanovo fault.*<br>*The karstic aquifer is divided into six water bodies. In Hungary, where the recharge area appears, two water bodies bearing cold waters (HU_K.1.3.1 and HU_K1.5.1) have been delineated according to the flow system. The thermal water bodies (in Hungary waters with temperature more than 30 $^{o}$C is considered as thermal, while in Slovakia the limit is 25 $^{o}$C: HU_K.1.3.2, HU_K1.5.2, SK_300010FK and SK_300020FK) are in close hydraulic connection with the cold ones. To be noted, that the missing continuation of the cold water bodies in the Slovakian part is mainly due to the different consideration of the limit of temperature. Taking into account hydro-geothermal aspects, the deep Slovakian karstic aquifer is divided into the Komarno high block (SK 300010FK) and the Komarno marginal block (SK300020FK). The total area of the transboundary water body-complex is 3601 km$^2$ (563 km2 in Slovakia and 3138 km$^2$ in Hungary).*<br>*The Danube River is the regional erosion base of the water bodies. The water level fluctuation is in strong relation with the water level changes in the river. The water bodies are hydraulically connected. It is valid at the border of the countries as well, i.e. under the Danube and the Ipoly/Ipel Rivers, making the abstractions of water in both countries highly interrelated.*<br>*The recharge area is in the Hungarian side and the total recharge is estimated at 60 Mm$^3$/y. Without abstraction this amount of water is discharged by the springs and by the upward flow towards the covering layer, and some part is infiltrating to the deeper, thermal part.*<br>*The temperature of the water abstracted (captured) from the Hungarian thermal water bodies does not exceed 50 $^{o}$C. Heat-flow densities suggest that the Komarno high block can be characterised by a fairly low (thermal spring at Sturovo and Patince are 39 and 26 $^{o}$C warm) and the marginal block by a medium geothermal activity (40–68 $^{o}$C). Heat flow given in mW/m$^2$ is 50- 60 in Komárno high block and 60–70 mW/m$^2$ in Komárno marginal block, both considered as low values.*<br>*Coefficient of transmissivity in the high block varies from 13 to 100 m$^2$/d, while in the marginal block between 4 to 20 m$^2$/d. Prognostic* |

| | |
|---|---|
| | *recoverable amount of thermal water in the high block is estimated at 12,000 $m^3$/d water of 20 to 40°C warm. In the marginal block the abstracted thermal water should be re-injected after use.*<br>***Major pressures and impacts***<br>*In Hungary the actual abstractions are apr. 30 M $m^3$/y from the cold part and 2 M $m^3$/y from the thermal part. In Slovakia the thermal water abstraction is 0,6 M $m^3$/y mainly in area Komárno-Patince-Štúrovo. The cold karstic water is used for drinking water, the thermal water for balneology (in Hungary and in Slovakia) and for energy production (in Slovakia). Disposal of used geothermal water is solved in Slovakia by discharge into surface water (River Danube and Váh) after dilution with groundwater on acceptable qualitative parameters.*<br>*Due to the mining activities in the 20$^{th}$ century, the actual water levels - especially in the cold water bodies in the Hungarian side - are significantly lower than the long-term natural averages and as a consequence all cold and lukewarm karstic springs dried out. In the Slovak side the regime of geothermal water (decreasing discharges of wells) was also affected by the extensive pumping of karstic water from coal mines in Tatabánya and Dorog (Hungary). After the mining was stopped (in 1993), the water levels have been showing increasing trend and the gradual reappearance of the springs is forecasted in the coming 5-15 years.*<br>*The abandoned cuts and fields of mine submerged by the rising karstic water represent a potential pollution source. Water quality monitoring has been installed, but data are not sufficient for estimating future impacts.*<br>*In extremely vulnerable open karstic area a few settlements should be considered as potential source of pollution. Relatively a high number of significant pollution exists in the area (40). The majority is lying above the not vulnerable covered part. The average amount of Nitrogen fertilizer is 86 kgN/ha/year, the use of manure is insignificant (3 kgN/ha/year). The surplus Nitrogen from agriculture is 17 kgN/ha/year, but in the majority of the area the thick covering layers provide natural protection. (Localities in real danger should be assessed at smaller scale, focusing on open karstic zones).* |
| Description of methodology for estimating the risk of failure to achieve the good status in 2021. | *See GWB-8* |
| Description how climate change was considered as pressure in the risk assessment. | *see: Questionnaires on climate change adaptation for ICPDR EGs and TGs* |
| Description of the significant pressures and polluting substances | |
| | |
| Lower objectives identified according to Art. 4 and Annex II 2.4 and 2.5 | *At the moment no lower objective is foreseen.* |
| Gaps and uncertainties in the underlying data | *In Hungary the monitoring data are insufficient, while in Slovakia there is no national geothermal monitoring network.* |

# Significant pressures on the ICPDR GW-bodies

| **Code of ICPDR GW-body** | *GWB-1* |
|---|---|
| National share of ICPDR GW-body (nationally aggregated part) | *AT-1, DE-1* |

**Significant Pressures on Groundwater Chemical and Quantitative Status in 2009 and for Risk of failing to achieve Good Status in 2021**

| **Significant Pressures for Groundwater** | **Status pressure types 2009** | | | | **Risk pressure types 2013→2021** | | | |
|---|---|---|---|---|---|---|---|---|
| | **Chemical** Yes/- | | **Quantity** Yes/- | | **Chemical** Yes/- | | **Quantity** Yes/- | |
| | AT | DE | AT | DE | AT | DE | AT | DE |
| **Point sources** | - | | | | - | | | |
| Leakages from contaminated sites | | | | | | | | |
| Leakages from waste disposal sites (landfill and agricultural waste disposal) | | | | | | | | |
| Leakages associated with oil industry infrastructure | | | | | | | | |
| Mine water discharges | | | | | | | | |
| Discharges to ground such as disposal of contaminated water to soak ways | | | | | | | | |
| Other relevant point sources (specify below) | | | | | | | | |
| **Diffuse Sources** | - | | | | - | | | |
| due to agricultural activities | | | | | | | | |
| due to non-sewered population | | | | | | | | |
| Urban land use | | | | | | | | |
| Other significant diffuse pressures (specify below) | | | | | | | | |
| **Water abstractions** | | | - | | | | - | |
| Abstractions for agriculture | | | | | | | | |
| Abstractions for public water supply | | | | | | | | |
| Abstractions by industry | | | | | | | | |
| IPPC activities | | | | | | | | |
| Non-IPPC activities | | | | | | | | |
| Abstractions by quarries/open cast coal sites | | | | | | | | |
| Other major abstractions (specify below) | | | | | | | | |
| **Artificial recharge** | | | - | | | | - | |
| Discharges to groundwater for artificial recharge purposes | | | | | | | | |
| Returns of groundwater to GWB from which it was abstracted (e.g. for sand and gravel washing) | | | | | | | | |
| Mine water rebound | | | | | | | | |
| Other major recharges (specify below) | | | | | | | | |
| **Other significant pressures** | - | | - | | - | | - | |
| Saltwater intrusion | | | | | | | | |
| Other intrusion (specify below) | | | | | | | | |

| **Description of other significant pressures as selected above.** | |
|---|---|

| **Code of ICPDR GW-body** | *GWB-2* |
|---|---|
| National share of ICPDR GW-body (nationally aggregated part) | *BG-2, RO-2* |

**Significant Pressures on Groundwater Chemical and Quantitative Status in 2009 and for Risk of failing to achieve Good Status in 2021**

| **Significant Pressures for Groundwater** | **Status pressure types 2009** | | | | **Risk pressure types 2013→2021** | | | |
|---|---|---|---|---|---|---|---|---|
| | **Chemical** Yes/- | | **Quantity** Yes/- | | **Chemical** Yes/- | | **Quantity** Yes/- | |
| | BG | RO | BG | RO | BG | RO | BG | RO |
| **Point sources** | - | | | | - | | | |
| Leakages from contaminated sites | | | | | | | | |
| Leakages from waste disposal sites (landfill and agricultural waste disposal) | | | | | | | | |
| Leakages associated with oil industry infrastructure | | | | | | | | |
| Mine water discharges | | | | | | | | |
| Discharges to ground such as disposal of contaminated water to soak ways | | | | | | | | |
| Other relevant point sources (specify below) | | | | | | | | |
| **Diffuse Sources** | - | | | | - | | | |
| due to agricultural activities | | | | | | | | |
| due to non-sewered population | | | | | | | | |
| Urban land use | | | | | | | | |
| Other significant diffuse pressures (specify below) | | | | | | | | |
| **Water abstractions** | | | - | | | | - | |
| Abstractions for agriculture | | | | | | | | |
| Abstractions for public water supply | | | | | | | | |
| Abstractions by industry | | | | | | | | |
| IPPC activities | | | | | | | | |
| Non-IPPC activities | | | | | | | | |
| Abstractions by quarries/open cast coal sites | | | | | | | | |
| Other major abstractions (specify below) | | | | | | | | |
| **Artificial recharge** | | | - | | | | - | |
| Discharges to groundwater for artificial recharge purposes | | | | | | | | |
| Returns of groundwater to GWB from which it was abstracted (e.g. for sand and gravel washing) | | | | | | | | |
| Mine water rebound | | | | | | | | |
| Other major recharges (specify below) | | | | | | | | |
| **Other significant pressures** | - | | - | | - | | - | |
| Saltwater intrusion | | | | | | | | |
| Other intrusion (specify below) | | | | | | | | |

| **Description of other significant pressures as selected above.** | |
|---|---|

| | |
|---|---|
| **Code of ICPDR GW-body** | *GWB-3* |
| National share of ICPDR GW-body (nationally aggregated part) | *MD-3, RO-3* |

**Significant Pressures on Groundwater Chemical and Quantitative Status in 2009 and for Risk of failing to achieve Good Status in 2021**

| **Significant Pressures for Groundwater** | **Status pressure types 2009** | | | | **Risk pressure types 2013→2021** | | | |
|---|---|---|---|---|---|---|---|---|
| | **Chemical** Yes/- | | **Quantity** Yes/- | | **Chemical** Yes/- | | **Quantity** Yes/- | |
| | MD | RO | MD | RO | MD risk | RO | MD | RO |
| **Point sources** | **-** | | | | **Yes** | **-** | | |
| Leakages from contaminated sites | | | | | | | | |
| Leakages from waste disposal sites (landfill and agricultural waste disposal) | | | | | x | | | |
| Leakages associated with oil industry infrastructure | | | | | x | | | |
| Mine water discharges | | | | | | | | |
| Discharges to ground such as disposal of contaminated water to soak ways | | | | | | | | |
| Other relevant point sources (specify below) | | | | | | | | |
| **Diffuse Sources** | **-** | | | | **Yes** | **-** | | |
| due to agricultural activities | | | | | x | | | |
| due to non-sewered population | | | | | x | | | |
| Urban land use | | | | | | | | |
| Other significant diffuse pressures (specify below) | | | | | | | | |
| **Water abstractions** | | | **-** | | **Yes** | **-** | **-** | |
| Abstractions for agriculture | | | | | | | | |
| Abstractions for public water supply | | | | | | | | |
| Abstractions by industry | | | | | x | | | |
| IPPC activities | | | | | | | | |
| Non-IPPC activities | | | | | | | | |
| Abstractions by quarries/open cast coal sites | | | | | | | | |
| Other major abstractions (specify below) | | | | | | | | |
| **Artificial recharge** | | | **-** | | **-** | | **-** | |
| Discharges to groundwater for artificial recharge purposes | | | | | | | | |
| Returns of groundwater to GWB from which it was abstracted (e.g. for sand and gravel washing) | | | | | | | | |
| Mine water rebound | | | | | | | | |
| Other major recharges (specify below) | | | | | | | | |
| **Other significant pressures** | **-** | | **-** | | **-** | | **-** | |
| Saltwater intrusion | | | | | | | | |
| Other intrusion (specify below) | | | | | | | | |

| | |
|---|---|
| **Description of other significant pressures as selected above.** | |

| | |
|---|---|
| **Code of ICPDR GW-body** | *GWB-4* |
| National share of ICPDR GW-body (nationally aggregated part) | *BG-4, RO-4* |

**Significant Pressures on Groundwater Chemical and Quantitative Status in 2009 and for Risk of failing to achieve Good Status in 2021**

| **Significant Pressures for Groundwater** | **Status pressure types 2009** | | | | **Risk pressure types 2013→2021** | | | |
|---|---|---|---|---|---|---|---|---|
| | **Chemical** Yes/- | | **Quantity** Yes/- | | **Chemical** Yes/- | | **Quantity** Yes/- | |
| | BG | RO | BG | RO | BG | RO | BG | RO |
| **Point sources** | - | | | | - | | | |
| Leakages from contaminated sites | | | | | | | | |
| Leakages from waste disposal sites (landfill and agricultural waste disposal) | | | | | | | | |
| Leakages associated with oil industry infrastructure | | | | | | | | |
| Mine water discharges | | | | | | | | |
| Discharges to ground such as disposal of contaminated water to soak ways | | | | | | | | |
| Other relevant point sources (specify below) | | | | | | | | |
| **Diffuse Sources** | - | | | | - | | | |
| due to agricultural activities | | | | | | | | |
| due to non-sewered population | | | | | | | | |
| Urban land use | | | | | | | | |
| Other significant diffuse pressures (specify below) | | | | | | | | |
| **Water abstractions** | | | - | | | | - | |
| Abstractions for agriculture | | | | | | | | |
| Abstractions for public water supply | | | | | | | | |
| Abstractions by industry | | | | | | | | |
| IPPC activities | | | | | | | | |
| Non-IPPC activities | | | | | | | | |
| Abstractions by quarries/open cast coal sites | | | | | | | | |
| Other major abstractions (specify below) | | | | | | | | |
| **Artificial recharge** | | | - | | | | - | |
| Discharges to groundwater for artificial recharge purposes | | | | | | | | |
| Returns of groundwater to GWB from which it was abstracted (e.g. for sand and gravel washing) | | | | | | | | |
| Mine water rebound | | | | | | | | |
| Other major recharges (specify below) | | | | | | | | |
| **Other significant pressures** | - | | - | | - | | - | |
| Saltwater intrusion | | | | | | | | |
| Other intrusion (specify below) | | | | | | | | |

| | |
|---|---|
| **Description of other significant pressures as selected above.** | |

| **Code of ICPDR GW-body** | *GWB-5* |
|---|---|
| National share of ICPDR GW-body (nationally aggregated part) | *HU-5, RO-5* |

**Significant Pressures on Groundwater Chemical and Quantitative Status in 2009 and for Risk of failing to achieve Good Status in 2021**

| **Significant Pressures for Groundwater** | **Status pressure types 2009** | | | | **Risk pressure types 2013→2021** | | | |
|---|---|---|---|---|---|---|---|---|
| | **Chemical** Yes/- | | **Quantity** Yes/- | | **Chemical** Yes/- | | **Quantity** Yes/- | |
| | HU poor | RO poor | HU | RO | HU risk | RO risk | HU | RO |
| **Point sources** | - | | | | - | | | |
| Leakages from contaminated sites | | | | | | | | |
| Leakages from waste disposal sites (landfill and agricultural waste disposal) | | | | | | | | |
| Leakages associated with oil industry infrastructure | | | | | | | | |
| Mine water discharges | | | | | | | | |
| Discharges to ground such as disposal of contaminated water to soak ways | | | | | | | | |
| Other relevant point sources (specify below) | | | | | | | | |
| **Diffuse Sources** | **Yes** | | | | **Yes** | | | |
| due to agricultural activities | x | x | | | | x | | |
| due to non-sewered population | x | x | | | | | | |
| Urban land use | x | | | | | | | |
| Other significant diffuse pressures (specify below) | | | | | | | | |
| **Water abstractions** | | | - | | | | - | |
| Abstractions for agriculture | | | | | | | | |
| Abstractions for public water supply | | | | | | | | |
| Abstractions by industry | | | | | | | | |
| IPPC activities | | | | | | | | |
| Non-IPPC activities | | | | | | | | |
| Abstractions by quarries/open cast coal sites | | | | | | | | |
| Other major abstractions (specify below) | | | | | | | | |
| **Artificial recharge** | | | - | | | | - | |
| Discharges to groundwater for artificial recharge purposes | | | | | | | | |
| Returns of groundwater to GWB from which it was abstracted (e.g. for sand and gravel washing) | | | | | | | | |
| Mine water rebound | | | | | | | | |
| Other major recharges (specify below) | | | | | | | | |
| **Other significant pressures** | - | | - | | - | | - | |
| Saltwater intrusion | | | | | | | | |
| Other intrusion (specify below) | | | | | | | | |

| **Description of other significant pressures as selected above.** | |
|---|---|

| **Code of ICPDR GW-body** | *GWB-6* |
|---|---|
| National share of ICPDR GW-body (nationally aggregated part) | *HU-6, RO-6* |

**Significant Pressures on Groundwater Chemical and Quantitative Status in 2009 and for Risk of failing to achieve Good Status in 2021**

| **Significant Pressures for Groundwater** | **Status pressure types 2009** | | | | **Risk pressure types 2013→2021** | | | |
|---|---|---|---|---|---|---|---|---|
| | **Chemical** Yes/- | | **Quantity** Yes/- | | **Chemical** Yes/- | | **Quantity** Yes/- | |
| | HU | RO | HU | RO | HU | RO | HU | RO |
| **Point sources** | - | | | | - | | | |
| Leakages from contaminated sites | | | | | | | | |
| Leakages from waste disposal sites (landfill and agricultural waste disposal) | | | | | | | | |
| Leakages associated with oil industry infrastructure | | | | | | | | |
| Mine water discharges | | | | | | | | |
| Discharges to ground such as disposal of contaminated water to soak ways | | | | | | | | |
| Other relevant point sources (specify below) | | | | | | | | |
| **Diffuse Sources** | - | | | | - | | | |
| due to agricultural activities | | | | | | | | |
| due to non-sewered population | | | | | | | | |
| Urban land use | | | | | | | | |
| Other significant diffuse pressures (specify below) | | | | | | | | |
| **Water abstractions** | | | - | | | | - | |
| Abstractions for agriculture | | | | | | | | |
| Abstractions for public water supply | | | | | | | | |
| Abstractions by industry | | | | | | | | |
| IPPC activities | | | | | | | | |
| Non-IPPC activities | | | | | | | | |
| Abstractions by quarries/open cast coal sites | | | | | | | | |
| Other major abstractions (specify below) | | | | | | | | |
| **Artificial recharge** | | | - | | | | - | |
| Discharges to groundwater for artificial recharge purposes | | | | | | | | |
| Returns of groundwater to GWB from which it was abstracted (e.g. for sand and gravel washing) | | | | | | | | |
| Mine water rebound | | | | | | | | |
| Other major recharges (specify below) | | | | | | | | |
| **Other significant pressures** | - | | - | | - | | - | |
| Saltwater intrusion | | | | | | | | |
| Other intrusion (specify below) | | | | | | | | |

| **Description of other significant pressures as selected above.** | |
|---|---|

| **Code of ICPDR GW-body** | *GWB-7* |
|---|---|
| National share of ICPDR GW-body (nationally aggregated part) | *HU-7, RO-7, RS-7* |

**Significant Pressures on Groundwater Chemical and Quantitative Status in 2009 and for Risk of failing to achieve Good Status in 2021**

| **Significant Pressures for Groundwater** | **Status pressure types 2009** | | | | | | **Risk pressure types 2013→2021** | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Chemical** Yes/- | | | **Quantity** Yes/- | | | **Chemical** Yes/- | | | **Quantity** Yes/- | | |
| | HU poor | RO | RS | HU poor | RO | RS poor | HU risk | RO | RS | HU risk | RO | RS risk |
| **Point sources** | | **-** | | | | | | **-** | | | | |
| Leakages from contaminated sites | | | | | | | | | | | | |
| Leakages from waste disposal sites (landfill and agricultural waste disposal) | | | | | | | | | | | | |
| Leakages associated with oil industry infrastructure | | | | | | | | | | | | |
| Mine water discharges | | | | | | | | | | | | |
| Discharges to ground such as disposal of contaminated water to soak ways | | | | | | | | | | | | |
| Other relevant point sources (specify below) | | | | | | | | | | | | |
| **Diffuse Sources** | **Yes** | **-** | **-** | | | | **Yes** | **-** | **-** | | | |
| due to agricultural activities | x | | | | | | | | | | | |
| due to non-sewered population | x | | | | | | | | | | | |
| Urban land use | x | | | | | | | | | | | |
| Other significant diffuse pressures (specify below) | | | | | | | | | | | | |
| **Water abstractions** | | | | **Yes** | **-** | **Yes** | | | | **Yes** | **-** | **Yes** |
| Abstractions for agriculture | | | | | | x | | | | | | x |
| Abstractions for public water supply | | | | | | x | | | | | | x |
| Abstractions by industry | | | | | | x | | | | | | x |
| IPPC activities | | | | | | | | | | | | |
| Non-IPPC activities | | | | | | | | | | | | |
| Abstractions by quarries/open cast coal sites | | | | | | | | | | | | |
| Other major abstractions (specify below) | | | | | | | | | | | | |
| **Artificial recharge** | | | | | **-** | | | | | | **-** | |
| Discharges to groundwater for artificial recharge purposes | | | | | | | | | | | | |
| Returns of groundwater to GWB from which it was abstracted (e.g. for sand and gravel washing) | | | | | | | | | | | | |
| Mine water rebound | | | | | | | | | | | | |
| Other major recharges (specify below) | | | | | | | | | | | | |
| **Other significant pressures** | | **-** | | | **-** | | | **-** | | | **-** | |
| Saltwater intrusion | | | | | | | | | | | | |
| Other intrusion (specify below) | | | | | | | | | | | | |

| **Description of other significant pressures as selected above.** | |
|---|---|

| **Code of ICPDR GW-body** | *GWB-8* |
|---|---|
| National share of ICPDR GW-body (nationally aggregated part) | *HU-8, SK-8* |

**Significant Pressures on Groundwater Chemical and Quantitative Status in 2009 and for Risk of failing to achieve Good Status in 2021**

| **Significant Pressures for Groundwater** | **Status pressure types 2009** | | | | **Risk pressure types 2013→2021** | | | |
|---|---|---|---|---|---|---|---|---|
| | **Chemical** Yes/- | | **Quantity** Yes/- | | **Chemical** Yes/- | | **Quantity** Yes/- | |
| | HU poor | SK | HU poor | SK | HU risk | SK risk | HU | SK |
| **Point sources** | **-** | | | | **-** | **Yes** | | |
| Leakages from contaminated sites | | | | | | x | | |
| Leakages from waste disposal sites (landfill and agricultural waste disposal) | | | | | | | | |
| Leakages associated with oil industry infrastructure | | | | | | x | | |
| Mine water discharges | | | | | | x | | |
| Discharges to ground such as disposal of contaminated water to soak ways | | | | | | | | |
| Other relevant point sources (specify below) | | | | | | | | |
| **Diffuse Sources** | **Yes** | **-** | | | **Yes** | | | |
| due to agricultural activities | x | | | | | x | | |
| due to non-sewered population | x | | | | | | | |
| Urban land use | x | | | | | | | |
| Other significant diffuse pressures (specify below) | | | | | | | | |
| **Water abstractions** | | | **Yes** | **-** | | | **-** | |
| Abstractions for agriculture | | | | | | | | |
| Abstractions for public water supply | | | | | | | | |
| Abstractions by industry | | | | | | | | |
| IPPC activities | | | | | | | | |
| Non-IPPC activities | | | | | | | | |
| Abstractions by quarries/open cast coal sites | | | | | | | | |
| Other major abstractions (specify below) | | | | | | | | |
| **Artificial recharge** | | | **-** | | | | **-** | |
| Discharges to groundwater for artificial recharge purposes | | | | | | | | |
| Returns of groundwater to GWB from which it was abstracted (e.g. for sand and gravel washing) | | | | | | | | |
| Mine water rebound | | | | | | | | |
| Other major recharges (specify below) | | | | | | | | |
| **Other significant pressures** | **-** | | **-** | | **-** | | **-** | |
| Saltwater intrusion | | | | | | | | |
| Other intrusion (specify below) | | | | | | | | |

| **Description of other significant pressures as selected above.** | * septic tanks, discharge of used thermal water |
|---|---|

| Code of ICPDR GW-body | *GWB-9* |
|---|---|
| National share of ICPDR GW-body (nationally aggregated part) | *HU-9, SK-9* |

**Significant Pressures on Groundwater Chemical and Quantitative Status in 2009 and for Risk of failing to achieve Good Status in 2021**

| Significant Pressures for Groundwater | Status pressure types 2009 | | | | Risk pressure types 2013→2021 | | | |
|---|---|---|---|---|---|---|---|---|
| | Chemical Yes/- | | Quantity Yes/- | | Chemical Yes/- | | Quantity Yes/- | |
| | HU | SK | HU | SK | HU | SK | HU | SK |
| **Point sources** | - | | | | - | | | |
| Leakages from contaminated sites | | | | | | | | |
| Leakages from waste disposal sites (landfill and agricultural waste disposal) | | | | | | | | |
| Leakages associated with oil industry infrastructure | | | | | | | | |
| Mine water discharges | | | | | | | | |
| Discharges to ground such as disposal of contaminated water to soak ways | | | | | | | | |
| Other relevant point sources (specify below) | | | | | | | | |
| **Diffuse Sources** | - | | | | - | | | |
| due to agricultural activities | | | | | | | | |
| due to non-sewered population | | | | | | | | |
| Urban land use | | | | | | | | |
| Other significant diffuse pressures (specify below) | | | | | | | | |
| **Water abstractions** | | | - | | | | - | |
| Abstractions for agriculture | | | | | | | | |
| Abstractions for public water supply | | | | | | | | |
| Abstractions by industry | | | | | | | | |
| IPPC activities | | | | | | | | |
| Non-IPPC activities | | | | | | | | |
| Abstractions by quarries/open cast coal sites | | | | | | | | |
| Other major abstractions (specify below) | | | | | | | | |
| **Artificial recharge** | | | - | | | | - | |
| Discharges to groundwater for artificial recharge purposes | | | | | | | | |
| Returns of groundwater to GWB from which it was abstracted (e.g. for sand and gravel washing) | | | | | | | | |
| Mine water rebound | | | | | | | | |
| Other major recharges (specify below) | | | | | | | | |
| **Other significant pressures** | - | | - | | - | | - | |
| Saltwater intrusion | | | | | | | | |
| Other intrusion (specify below) | | | | | | | | |

| **Description of other significant pressures as selected above.** | * septic tanks |
|---|---|

| Code of ICPDR GW-body | *GWB-10* |
|---|---|
| National share of ICPDR GW-body (nationally aggregated part) | *HU-10, SK-10* |

**Significant Pressures on Groundwater Chemical and Quantitative Status in 2009 and for Risk of failing to achieve Good Status in 2021**

| Significant Pressures for Groundwater | Status pressure types 2009 | | | | Risk pressure types 2013→2021 | | | |
|---|---|---|---|---|---|---|---|---|
| | Chemical Yes/- | | Quantity Yes/- | | Chemical Yes/- | | Quantity Yes/- | |
| | HU | SK | HU | SK | HU | SK | HU | SK |
| **Point sources** | - | | | | - | | | |
| Leakages from contaminated sites | | | | | | | | |
| Leakages from waste disposal sites (landfill and agricultural waste disposal) | | | | | | | | |
| Leakages associated with oil industry infrastructure | | | | | | | | |
| Mine water discharges | | | | | | | | |
| Discharges to ground such as disposal of contaminated water to soak ways | | | | | | | | |
| Other relevant point sources (specify below) | | | | | | | | |
| **Diffuse Sources** | - | | | | - | | | |
| due to agricultural activities | | | | | | | | |
| due to non-sewered population | | | | | | | | |
| Urban land use | | | | | | | | |
| Other significant diffuse pressures (specify below) | | | | | | | | |
| **Water abstractions** | | | - | | | | - | |
| Abstractions for agriculture | | | | | | | | |
| Abstractions for public water supply | | | | | | | | |
| Abstractions by industry | | | | | | | | |
| IPPC activities | | | | | | | | |
| Non-IPPC activities | | | | | | | | |
| Abstractions by quarries/open cast coal sites | | | | | | | | |
| Other major abstractions (specify below) | | | | | | | | |
| **Artificial recharge** | | | - | | | | - | |
| Discharges to groundwater for artificial recharge purposes | | | | | | | | |
| Returns of groundwater to GWB from which it was abstracted (e.g. for sand and gravel washing) | | | | | | | | |
| Mine water rebound | | | | | | | | |
| Other major recharges (specify below) | | | | | | | | |
| **Other significant pressures** | - | | - | | - | | - | |
| Saltwater intrusion | | | | | | | | |
| Other intrusion (specify below) | | | | | | | | |

| Description of other significant pressures as selected above. | |
|---|---|

| **Code of ICPDR GW-body** | *GWB-11* |
|---|---|
| National share of ICPDR GW-body (nationally aggregated part) | *HU-11, SK-11* |

**Significant Pressures on Groundwater Chemical and Quantitative Status in 2009 and for Risk of failing to achieve Good Status in 2021**

| **Significant Pressures for Groundwater** | **Status pressure types 2009** | | | | **Risk pressure types 2013→2021** | | | |
|---|---|---|---|---|---|---|---|---|
| | **Chemical** Yes/- | | **Quantity** Yes/- | | **Chemical** Yes/- | | **Quantity** Yes/- | |
| | HU | SK | HU poor | SK | HU | SK | HU risk | SK risk |
| **Point sources** | - | | | | - | | - | |
| Leakages from contaminated sites | | | | | | | | |
| Leakages from waste disposal sites (landfill and agricultural waste disposal) | | | | | | | | |
| Leakages associated with oil industry infrastructure | | | | | | | | |
| Mine water discharges | | | | | | | | |
| Discharges to ground such as disposal of contaminated water to soak ways | | | | | | | | |
| Other relevant point sources (specify below) | | | | | | | | |
| **Diffuse Sources** | - | | | | - | | - | |
| due to agricultural activities | | | | | | | | |
| due to non-sewered population | | | | | | | | |
| Urban land use | | | | | | | | |
| Other significant diffuse pressures (specify below) | | | | | | | | |
| **Water abstractions** | | | **Yes** | **-** | | | **Yes** | |
| Abstractions for agriculture | | | | | | | | |
| Abstractions for public water supply | | | | | | | | |
| Abstractions by industry | | | | | | | | |
| IPPC activities | | | | | | | | |
| Non-IPPC activities | | | | | | | | |
| Abstractions by quarries/open cast coal sites | | | | | | | | |
| Other major abstractions (specify below) | | | | | | | | |
| **Artificial recharge** | | | - | | | | - | |
| Discharges to groundwater for artificial recharge purposes | | | | | | | | |
| Returns of groundwater to GWB from which it was abstracted (e.g. for sand and gravel washing) | | | | | | | | |
| Mine water rebound | | | | | | | | |
| Other major recharges (specify below) | | | | | | | | |
| **Other significant pressures** | - | | - | | - | | - | |
| Saltwater intrusion | | | | | | | | |
| Other intrusion (specify below) | | | | | | | | |

| **Description of other significant pressures as selected above.** | |
|---|---|

# Inventory of Protected Areas

icpdr iksd
International Commission for the Protection of the Danube River
Internationale Kommission zum Schutz der Donau

## ANNEX 6

### "The 2013 Update of the Danube Basin Analysis Report"

# Explanations

Types:

H = Habitat (FFH) Directive

B = Bird Protection Directive

O = Others (Non EU MS)

Data on protected areas for Germany, Slovakia and Ukraine as listed in this Annex is from the 1st DRBM Plan 2009.

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| AT | AT1110137 | Neusiedler See - Nordöstliches Leithagebirge | B,H | 570.86 |
| AT | AT1122916 | Lafnitzauen | H | 5.9 |
| AT | AT1126129 | Waasen - Hanság | B | 30.04 |
| AT | AT1202000 | March-Thaya-Auen | H | 89.71 |
| AT | AT1202V00 | March-Thaya-Auen (SPA) | B | 148.27 |
| AT | AT1204000 | Donau-Auen östlich von Wien | H | 95.74 |
| AT | AT1204V00 | Donau-Auen östlich von Wien (SPA) | B | 91.67 |
| AT | AT1208A00 | Thayatal bei Hardegg | H | 44.16 |
| AT | AT1301000 | Nationalpark Donau-Auen (Wiener Teil) | B,H | 22.57 |
| AT | AT2101000 | SCI Nationalpark Hohe Tauern | B,H | 346.03 |
| AT | AT2102000 | Nationalpark Nockberge (Kernzone) | H | 77.4 |
| AT | AT2108000 | Inneres Pöllatal | H | 31.96 |
| AT | AT2109000 | Wolayersee und Umgebung | H | 19.39 |
| AT | AT2114000 | Obere Drau | B,H | 10.3 |
| AT | AT2116000 | Görtschacher Moos-Obermoos im Gailtal | B,H | 12.42 |
| AT | AT2120000 | Schütt-Graschelitzen | B,H | 23.05 |
| AT | AT2205000 | Pürgschachen-Moos und ennsnahe Bereiche zwischen Selzthal und dem Gesäuseeingang | B,H | 16.13 |
| AT | AT2208000 | Lafnitztal - Neudauer Teiche | B,H | 11.63 |
| AT | AT2210000 | Ennstaler Alpen / Gesäuse | B,H | 145.12 |
| AT | AT2213000 | Steirische Grenzmur mit Gamlitzbach und Gnasbach | B,H | 21.59 |
| AT | AT2215000 | Teile der Eisenerzer Alpen | H | 43.87 |
| AT | AT2220000 | Zirbitzkogel | B | 23.11 |
| AT | AT2225000 | Demmerkogel-Südhänge; Wöllinggraben mit Sulm, Saggau und Laßnitzabschnitten und Pößn. | B,H | 20.97 |
| AT | AT2226000 | Furtner Teich - Dürnberger-Moor | B | 10.73 |
| AT | AT2229000 | Teile des Steirischen Jogl- und Wechsellandes | B | 454.87 |
| AT | AT2229002 | Ennstal zwischen Liezen und Niederstuttern | B | 25.59 |
| AT | AT2230000 | Teile des südoststeirischen Hügellandes inklusive Höll und Grabenlandbäche | B,H | 156.56 |
| AT | AT2233000 | Raabklamm | B,H | 5.55 |
| AT | AT2236000 | Ober- und Mittellauf der Mur mit Puxer Auwald, Puxer Wand und Gulsen | H | 13.08 |
| AT | AT2243000 | Totes Gebirge mit Altausseer See | B,H | 239.53 |
| AT | AT3101000 | Dachstein | B,H | 146.17 |
| AT | AT3105000 | Unterer Inn | B,H | 8.63 |
| AT | AT3110000 | Ettenau | B,H | 5.74 |
| AT | AT3111000 | Nationalpark Kalkalpen, 1. Verordnungsabschnitt | B,H | 214.36 |
| AT | AT3112000 | Oberes Donautal | B | 9.24 |
| AT | AT3113000 | Untere Traun | B | 23.08 |
| AT | AT3114000 | Traun-Donau-Auen | B,H | 6.64 |
| AT | AT3117000 | Mond- und Attersee | H | 61.36 |
| AT | AT3119000 | Auwälder am Unteren Inn | H | 5.5 |
| AT | AT3120000 | Waldaist und Naarn | H | 41.55 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| AT | AT3121000 | Böhmerwald und Mühltäler | H | 93.52 |
| AT | AT3122000 | Oberes Donau- und Aschachtal | H | 71.18 |
| AT | AT3123000 | Wiesengebiete und Seen im Alpenvorland | H | 12.63 |
| AT | AT3124000 | Wiesengebiete im Freiwald | B | 24.05 |
| AT | AT3209022 | Salzachauen, Salzburg (SPA) | B | 11.19 |
| AT | AT3210001 | Hohe Tauern, Salzburg | B | 804.51 |
| AT | AT3211012 | Kalkhochalpen, Salzburg | H | 235.92 |
| AT | AT3223000 | Salzachauen, Salzburg | H | 6.01 |
| AT | AT3302000 | Vilsalpsee | B,H | 18.28 |
| AT | AT3309000 | Lechtal | B,H | 41.44 |
| BA | BABardaca | Zasticeno podrucje BARDACA | B | 35 |
| BA | BAProkosko jezero | Zasticeno podrucje Prokoško jezero | O | 21.19 |
| BA | BASkakavac | Zasticeno podrucje Skakavac | O | 14.3 |
| BA | BAUna | Zasticeno podrucje Una | O | 198 |
| BA | BAVrelo Bosne | Zasticeno podrucje Vrelo Bosne | O | 6.03 |
| BG | BG0000106 | Harsovska reka | H | 367.56 |
| BG | BG0000107 | Suha reka | H | 624.81 |
| BG | BG0000113 | Vitosha | B,H | 158.7 |
| BG | BG0000117 | Kotlenska planina | H | 149.18 |
| BG | BG0000165 | Lozenska planina | H | 12.96 |
| BG | BG0000166 | Vrachanski Balkan | H | 360.25 |
| BG | BG0000168 | Ludogorie | H | 594.47 |
| BG | BG0000169 | Ludogorie - Srebarna | H | 52.24 |
| BG | BG0000171 | Ludogorie - Boblata | H | 48.33 |
| BG | BG0000173 | Ostrovche | H | 58.94 |
| BG | BG0000180 | Boblata | H | 32.17 |
| BG | BG0000181 | Reka Vit | H | 57.18 |
| BG | BG0000182 | Orsoya | H | 24.61 |
| BG | BG0000190 | Vitata stena | H | 26.3 |
| BG | BG0000199 | Tzibar | H | 23.04 |
| BG | BG0000204 | Vardim | H | 11.05 |
| BG | BG0000211 | Tvardishka planina | H | 256.04 |
| BG | BG0000213 | Tarnovski visochini | H | 44.32 |
| BG | BG0000214 | Dryanovski manastir | H | 29.86 |
| BG | BG0000231 | Belenska gora | H | 50.39 |
| BG | BG0000232 | Batin | H | 26.83 |
| BG | BG0000233 | Studena reka | H | 52.99 |
| BG | BG0000237 | Ostrov Pozharevo | B | 9.75 |
| BG | BG0000239 | Obnova - Karaman dol | H | 107.49 |
| BG | BG0000240 | Studenetz | B,H | 280.57 |
| BG | BG0000241 | Srebarna | B,H | 14.47 |
| BG | BG0000247 | Nikopolsko plato | H | 185.01 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| BG | BG0000263 | Skalsko | H | 21.89 |
| BG | BG0000275 | Yazovir Stamboliyski | H | 93.53 |
| BG | BG0000308 | Verila | H | 37.48 |
| BG | BG0000313 | Rui | H | 16.36 |
| BG | BG0000322 | Dragoman | H | 213.57 |
| BG | BG0000332 | Karlukovski karst | B | 142.17 |
| BG | BG0000334 | Ostrov | H | 34.4 |
| BG | BG0000335 | Karaboaz | H | 122 |
| BG | BG0000336 | Zlatiya | H | 31.95 |
| BG | BG0000339 | Rabrovo | H | 9.11 |
| BG | BG0000340 | Tzar Petrovo | H | 17.48 |
| BG | BG0000374 | Bebresh | H | 68.22 |
| BG | BG0000377 | Kalimok - Brashlen | H | 73.32 |
| BG | BG0000396 | Persina | H | 223.77 |
| BG | BG0000399 | Bulgarka | H | 210.91 |
| BG | BG0000432 | Golyama reka | H | 74.52 |
| BG | BG0000494 | Tzentralen Balkan | B,H | 312.21 |
| BG | BG0000495 | Rila | B,H | 206.5 |
| BG | BG0000497 | Archar | H | 5.97 |
| BG | BG0000498 | Vidbol | H | 13.05 |
| BG | BG0000500 | Voynitza | H | 23.13 |
| BG | BG0000503 | Reka Lom | H | 14.41 |
| BG | BG0000507 | Deleina | H | 22.58 |
| BG | BG0000509 | Tzibritza | H | 9.63 |
| BG | BG0000517 | Portitovtsi-Vladimirovo | H | 6.64 |
| BG | BG0000518 | Vartopski dol | H | 9.87 |
| BG | BG0000521 | Makresh | H | 20.61 |
| BG | BG0000522 | Vidinski park | H | 15.79 |
| BG | BG0000523 | Shishentzi | H | 5.73 |
| BG | BG0000529 | Marten-Ryahovo | H | 11.73 |
| BG | BG0000530 | Pozharevo - Garvan | H | 58.66 |
| BG | BG0000533 | Ostrovi Kozlodui | H | 6.06 |
| BG | BG0000569 | Kardam | H | 9.18 |
| BG | BG0000570 | Izvorovo - Kraishte | H | 10.81 |
| BG | BG0000572 | Rositza - Loznitza | H | 18.12 |
| BG | BG0000576 | Svishtovska gora | H | 19.17 |
| BG | BG0000608 | Lomovete | H | 324.89 |
| BG | BG0000609 | Reka Rositza | H | 14.41 |
| BG | BG0000610 | Reka Yantra | H | 139 |
| BG | BG0000611 | Yazovir Gorni Dubnik | H | 25.39 |
| BG | BG0000613 | Reka Iskar | H | 94.58 |
| BG | BG0000614 | Reka Ogosta | H | 12.53 |
| BG | BG0000615 | Devetashko plato | H | 149.97 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| BG | BG0000616 | Mikre | H | 154.47 |
| BG | BG0000617 | Reka Palakariya | H | 31.56 |
| BG | BG0000618 | Vidima | H | 18.23 |
| BG | BG0000624 | Lyubash | H | 12.67 |
| BG | BG0001014 | Karlukovo | H | 288.42 |
| BG | BG0001017 | Karvav kamak | H | 36.5 |
| BG | BG0001036 | Balgarski izvor | H | 26.19 |
| BG | BG0001037 | Pastrina | H | 35.52 |
| BG | BG0001040 | Zapadna stara planina i Predba | H | 2193.03 |
| BG | BG0001042 | Iskarski prolom - Rzhana | H | 226.93 |
| BG | BG0001043 | Etropole - Baylovo | H | 191.26 |
| BG | BG0001307 | Plana | H | 27.89 |
| BG | BG0001389 | Sredna Gora | H | 21.42 |
| BG | BG0001493 | Tzentralen Balkan - buffer | H | 867.22 |
| BG | BG0002001 | Rayanovtsi | B | 132.02 |
| BG | BG0002002 | Zapaden Balkan | B | 1467.72 |
| BG | BG0002004 | Dolni Bogrov-Kazichene | B | 22.54 |
| BG | BG0002005 | Ponor | B | 314.06 |
| BG | BG0002009 | Zlatiata | B | 435.38 |
| BG | BG0002017 | Complex Belenski Ostrovi | B | 66.83 |
| BG | BG0002018 | Ostrov Vardim | B | 11.66 |
| BG | BG0002024 | Ribarnitsi Mechka | B | 27.11 |
| BG | BG0002025 | Lomovete | B | 43.08 |
| BG | BG0002029 | Kotlenska planina | B | 196.89 |
| BG | BG0002030 | Complex Kalimok | B | 92.2 |
| BG | BG0002039 | Harsovska reka | B | 354 |
| BG | BG0002048 | Suha reka | B | 257.5 |
| BG | BG0002053 | Vrachanski Balkan | B | 309.17 |
| BG | BG0002062 | Ludogorie | B | 913.15 |
| BG | BG0002074 | Nikopolsko plato | B | 222.31 |
| BG | BG0002083 | Svishtovsko-Belenska nizina | B | 54.39 |
| BG | BG0002084 | Palakaria | B | 158.25 |
| BG | BG0002085 | Chairya | B | 14.5 |
| BG | BG0002088 | Mikre | B | 123.87 |
| BG | BG0002090 | Berkovitsa | B | 28.04 |
| BG | BG0002091 | Ostrov Lakat | B | 11.56 |
| BG | BG0002095 | Gorni Dabnik-Telish | B | 34 |
| BG | BG0002096 | Obnova | B | 54.21 |
| BG | BG0002101 | Meshtitsa | B | 16.27 |
| BG | BG0002102 | Devetashko plato | B | 78.92 |
| BG | BG0002104 | Tsibarsko blato | B | 9.11 |
| BG | BG0002109 | Vasilyovska planina | B | 454.84 |
| BG | BG0002110 | Apriltsi | B | 19.42 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| BG | BG0002111 | Velchevo | B | 23.1 |
| BG | BG0002112 | Ruy | B | 173.94 |
| CZ | CZ0314024 | Šumava | H | 107.77 |
| CZ | CZ0320180 | Čerchovský les | H | 21.91 |
| CZ | CZ0323151 | Kateřinský a Nivní potok | H | 9.79 |
| CZ | CZ0324026 | Niva Nemanického potoka | H | 6.81 |
| CZ | CZ0530146 | Králický Sněžník | H | 17.16 |
| CZ | CZ0614131 | Údolí Oslavy a Chvojnice | H | 23.39 |
| CZ | CZ0614134 | Údolí Jihlavy | H | 8.62 |
| CZ | CZ0620009 | Lednické rybníky | H | 6.18 |
| CZ | CZ0620245 | Rakovecké údolí | H | 7.56 |
| CZ | CZ0621025 | Bzenecká Doubrava - Strážnické Pomoraví | B | 11.72 |
| CZ | CZ0621027 | Soutok-Tvrdonicko | B | 95.59 |
| CZ | CZ0621028 | Lednické rybníky | B | 6.85 |
| CZ | CZ0621029 | Pálava | B | 85.39 |
| CZ | CZ0621030 | Střední nádrž vodního díla Nové Mlýny | B | 10.47 |
| CZ | CZ0624064 | Krumlovský les | H | 19.46 |
| CZ | CZ0624068 | Strážnická Morava | H | 6.59 |
| CZ | CZ0624070 | Hodonínská doubrava | H | 30.29 |
| CZ | CZ0624072 | Čertoryje | H | 48.52 |
| CZ | CZ0624095 | Údolí Dyje | H | 18.21 |
| CZ | CZ0624096 | Podyjí | H | 62.68 |
| CZ | CZ0624099 | Niva Dyje | H | 32.49 |
| CZ | CZ0624103 | Mušovský luh | H | 5.57 |
| CZ | CZ0624119 | Soutok - Podluží | H | 97 |
| CZ | CZ0624130 | Moravský kras | H | 64.85 |
| CZ | CZ0710161 | Království | H | 5.88 |
| CZ | CZ0711018 | Litovelské Pomoraví | B | 93.19 |
| CZ | CZ0714073 | Litovelské Pomoraví | H | 94.59 |
| CZ | CZ0714075 | Keprník | H | 17.51 |
| CZ | CZ0714077 | Praděd | H | 28.02 |
| CZ | CZ0714085 | Morava - Chropyňský luh | H | 32.05 |
| CZ | CZ0714133 | Libavá | H | 67.32 |
| CZ | CZ0720033 | Semetín | H | 13.27 |
| CZ | CZ0720192 | Velká Vela | H | 7.71 |
| CZ | CZ0720422 | Valy-Bučník | H | 10.95 |
| CZ | CZ0720428 | Na Koncoch | H | 17.35 |
| CZ | CZ0720435 | Podkrálovec | H | 9.62 |
| CZ | CZ0720437 | Valentová | H | 5.58 |
| CZ | CZ0724089 | Beskydy | H | 632.22 |
| CZ | CZ0724090 | Bílé Karpaty | H | 200.34 |
| CZ | CZ0724091 | Chřiby | H | 192.26 |
| CZ | CZ0724107 | Nedakonický les | H | 15.25 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| CZ | CZ0724120 | Kněžpolský les | H | 5.21 |
| CZ | CZ0724121 | Nad Jasenkou | H | 7.39 |
| CZ | CZ0724429 | Hostýnské vrchy | H | 23.97 |
| CZ | CZ0724430 | Vlárský průsmyk | H | 31.69 |
| DE | DE5937-471 | Schneeberggebiet und Goldkronacher / Sophientaler Forst | B | 26.19 |
| DE | DE6139-371 | Waldnaabtal zwischen Tirschenreuth und Windisch-Eschenbach | H | 26.18 |
| DE | DE6139-471 | Waldnaabaue westlich Tirschenreuth | B | 22.59 |
| DE | DE6237-371 | Heidenaab, Creussenaue und Weihergebiet nordwestlich Eschenbach | H | 18.65 |
| DE | DE6336-301 | US-Truppenübungsplatz Grafenwöhr | B,H | 192.79 |
| DE | DE6336-471 | Vilsecker Mulde | B | 9.2 |
| DE | DE6337-371 | Vilsecker Mulde mit den Tälern der Schmalnohe und Wiesenohe | H | 9.39 |
| DE | DE6338-301 | Lohen im Manteler Forst mit Schießlweiher und Straßweiherkette | H | 7.73 |
| DE | DE6338-401 | Manteler Forst | B | 26.92 |
| DE | DE6528-371 | Anstieg der Frankenhöhe östlich der A 7 | H | 11.79 |
| DE | DE6537-371 | Vils von Vilseck bis zur Mündung in die Naab | H | 6.22 |
| DE | DE6541-371 | Bayerische Schwarzach und Biberbach | H | 5.3 |
| DE | DE6636-371 | Lauterachtal | H | 8.23 |
| DE | DE6639-371 | Talsystem von Schwarzach, Auerbach und Ascha | H | 7.84 |
| DE | DE6639-372 | Charlottenhofer Weihergebiet, Hirtlohweiher und Langwiedteiche | B,H | 9.31 |
| DE | DE6728-471 | Altmühltal mit Brunst-Schwaigau und Altmühlsee | B | 49.71 |
| DE | DE6736-302 | Truppenübungsplatz Hohenfels | B,H | 149.06 |
| DE | DE6741-371 | Chamb, Regentalaue und Regen zwischen Roding und Donaumündung | H | 31.94 |
| DE | DE6741-471 | Regentalaue und Chambtal mit Rötelseeweihergebiet | B | 27.78 |
| DE | DE6830-371 | Obere Altmühl mit Brunst-Schwaigau und Wiesmet | H | 45.08 |
| DE | DE6833-371 | Trauf der südlichen Frankenalb | H | 41.47 |
| DE | DE6834-301 | Trauf der mittleren Frankenalb im Sulztal | H | 12.24 |
| DE | DE6836-371 | Schwarze Laaber | H | 11.6 |
| DE | DE6844-371 | Oberlauf des Weißen Regens bis Kötzting mit Kaitersbachaue | H | 6.37 |
| DE | DE6844-373 | Großer und Kleiner Arber mit Arberseen | H | 22.96 |
| DE | DE6935-371 | Weiße, Wissinger, Breitenbrunner Laaber u. Kreuzberg bei Dietfurt | H | 23.23 |
| DE | DE6937-371 | Naab unterhalb Schwarzenfeld und Donau von Poikam bis Regensburg | H | 11.15 |
| DE | DE6939-302 | Bachtäler im Falkensteiner Vorwald | H | 13.87 |
| DE | DE6939-371 | Trockenhänge am Donaurandbruch | H | 5.21 |
| DE | DE6946-301 | Nationalpark Bayerischer Wald | B,H | 242.18 |
| DE | DE7029-371 | Wörnitztal | H | 38.93 |
| DE | DE7036-371 | Trockenhänge im unteren Altmühltal mit Laaberleiten und Galgental | H | 27.19 |
| DE | DE7037-471 | Felsen und Hangwälder im Altmühl-, Naab-, Laber- und Donautal | B | 48.44 |
| DE | DE7038-371 | Standortübungsplatz Oberhinkofen | H | 5.27 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| DE | DE7040-302 | Wälder im Donautal | B,H | 12.89 |
| DE | DE7040-371 | Donau und Altwässer zwischen Regensburg und Straubing | H | 21.94 |
| DE | DE7040-471 | Donau zwischen Regensburg und Straubing | B | 32.6 |
| DE | DE7043-371 | Deggendorfer Vorwald | H | 14.98 |
| DE | DE7045-371 | Oberlauf des Regens und Nebenbäche | H | 19.22 |
| DE | DE7128-371 | Trockenverbund am Rand des Nördlinger Rieses | H | 9.5 |
| DE | DE7130-471 | Nördlinger Ries und Wörnitztal | B | 70.36 |
| DE | DE7132-371 | Mittleres Altmühltal mit Wellheimer Trockental und Schambachtal | H | 42.01 |
| DE | DE7132-471 | Felsen und Hangwälder im Altmühltal und Wellheimer Trockental | B | 36.12 |
| DE | DE7136-301 | 'Weltenburger Enge' und 'Hirschberg und Altmühlleiten' | H | 9.34 |
| DE | DE7136-304 | Donauauen zwischen Ingolstadt und Weltenburg | H | 27.67 |
| DE | DE7138-372 | Tal der Großen Laaber zwischen Sandsbach und Unterdeggenbach | H | 6.82 |
| DE | DE7142-301 | Donauauen zwischen Straubing und Vilshofen | H | 47.86 |
| DE | DE7142-471 | Donau zwischen Straubing und Vilshofen | B | 67.76 |
| DE | DE7229-471 | Riesalb mit Kesseltal | B | 120.37 |
| DE | DE7230-371 | Donauwörther Forst mit Standortübungsplatz und Harburger Karab | H | 24.01 |
| DE | DE7231-471 | Donauauen zwischen Lechmündung und Ingolstadt | B | 69.61 |
| DE | DE7232-301 | Donau mit Jura-Hängen zwischen Leitheim und Neuburg | H | 32.81 |
| DE | DE7233-372 | Donauauen mit Gerolfinger Eichenwald | H | 29.27 |
| DE | DE7233-373 | Donaumoosbäche, Zucheringer Wörth und Brucker Forst | H | 9.47 |
| DE | DE7243-301 | Untere Isar zwischen Landau und Plattling | H | 12.17 |
| DE | DE7243-302 | Isarmündung | H | 19.07 |
| DE | DE7243-401 | Untere Isar oberhalb Mündung | B | 9.74 |
| DE | DE7243-402 | Isarmündung | B | 21.13 |
| DE | DE7246-371 | Ilz-Talsystem | H | 28.45 |
| DE | DE7329-301 | Donauauen Blindheim-Donaumünster | H | 12.11 |
| DE | DE7329-372 | Jurawälder nördlich Höchstädt | H | 38.2 |
| DE | DE7330-301 | Mertinger Hölle und umgebende Feuchtgebiete | H | 8.58 |
| DE | DE7330-471 | Wiesenbrüterlebensraum Schwäbisches Donauried | B | 39.66 |
| DE | DE7335-371 | Feilenmoos mit Nöttinger Viehweide | H | 8.7 |
| DE | DE7341-471 | Wiesenbrütergebiete im Unteren Isartal | B | 13.84 |
| DE | DE7347-371 | Erlau | H | 5.75 |
| DE | DE7427-471 | Schwäbisches Donaumoos | B | 25.78 |
| DE | DE7428-301 | Donau-Auen zwischen Thalfingen und Höchstädt | H | 57.97 |
| DE | DE7428-471 | Donauauen | B | 80.53 |
| DE | DE7433-371 | Paar | H | 29.7 |
| DE | DE7439-371 | Isarleiten bei der Gretlmühle | H | 6.43 |
| DE | DE7440-371 | Vilstal zwischen Vilsbiburg und Marklkofen | H | 8.35 |
| DE | DE7446-301 | Donauleiten von Passau bis Jochenstein | H | 5.17 |
| DE | DE7446-371 | Östlicher Neuburger Wald und Innleiten bis Vornbach | H | 10.89 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| DE | DE7447-371 | Donau von Kachlet bis Jochenstein mit Inn- und Ilzmündung | H | 5.08 |
| DE | DE7537-301 | Isarauen von Unterföhring bis Landshut | H | 52.77 |
| DE | DE7537-401 | Naturschutzgebiet "Vogelfreistätte Mittlere Isarstauseen" | B | 5.87 |
| DE | DE7630-371 | Schmuttertal | H | 9 |
| DE | DE7631-371 | Lechauen zwischen Königsbrunn und Augsburg | H | 23.04 |
| DE | DE7631-372 | Lech zwischen Landsberg und Königsbrunn mit Auen und Leite | H | 25.02 |
| DE | DE7635-301 | Ampertal | H | 21.72 |
| DE | DE7636-471 | Freisinger Moos | B | 11.3 |
| DE | DE7726-371 | Untere Illerauen | H | 16.42 |
| DE | DE7736-471 | Ismaninger Speichersee und Fischteiche | B | 10.29 |
| DE | DE7739-371 | Isental mit Nebenbächen | H | 7.66 |
| DE | DE7742-371 | Inn und Untere Alz | H | 15.65 |
| DE | DE7744-371 | Salzach und Unterer Inn | H | 56.89 |
| DE | DE7744-471 | Salzach und Inn | B | 48.28 |
| DE | DE7820-441 | Südwestalb und Oberes Donautal | B | 428.56 |
| DE | DE7823-341 | Donau zwischen Munderkingen und Riedlingen | H | 14.29 |
| DE | DE7828-471 | Mindeltal | B | 26.55 |
| DE | DE7829-301 | Angelberger Forst | H | 6.41 |
| DE | DE7832-371 | Ampermoos | H | 5.29 |
| DE | DE7833-371 | Moore und Buchenwälder zwischen Etterschlag und Fürstenfeldbruck | H | 7.76 |
| DE | DE7837-371 | Ebersberger und Großhaager Forst | H | 38.41 |
| DE | DE7919-341 | Donautal und Hochflächen von Tuttlingen bis Beuron | H | 54.26 |
| DE | DE7920-342 | Oberes Donautal zwischen Beuron und Sigmaringen | H | 27.04 |
| DE | DE7922-342 | Donau zwischen Riedlingen und Sigmaringen | H | 11.66 |
| DE | DE7932-372 | Ammerseeufer und Leitenwälder | H | 9.53 |
| DE | DE7932-471 | Ammerseegebiet | B | 77.1 |
| DE | DE7934-371 | Moore und Wälder der Endmoräne bei Starnberg | H | 5.87 |
| DE | DE7939-301 | Innauen und Leitenwälder | H | 35.53 |
| DE | DE7939-401 | NSG 'Vogelfreistätte Innstausee bei Attel und Freiham' | B | 5.67 |
| DE | DE8016-341 | Baar | H | 22.24 |
| DE | DE8017-341 | Nördliche Baaralb und Donau bei Immendingen | H | 24.98 |
| DE | DE8017-441 | Baar | B | 377.58 |
| DE | DE8031-471 | Mittleres Lechtal | B | 32.08 |
| DE | DE8032-371 | Ammersee-Südufer und Raistinger Wiesen | H | 8.82 |
| DE | DE8032-372 | Moore und Wälder westlich Dießen | H | 25.91 |
| DE | DE8033-371 | Moränenlandschaft zwischen Ammersee und Starnberger See | H | 20.73 |
| DE | DE8034-371 | Oberes Isartal | H | 46.71 |
| DE | DE8038-371 | Rotter Forst und Rott | H | 8.47 |
| DE | DE8039-302 | Moore und Seen nordöstlich Rosenheim | H | 5.6 |
| DE | DE8039-371 | Murn, Murner Filz und Eiselfinger See | H | 5.14 |
| DE | DE8040-371 | Moorgebiet von Eggstädt-Hemhof bis Seeon | H | 21.16 |
| DE | DE8040-471 | Moorgebiet von Eggstätt-Hemhof bis Seeon | B | 20.06 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| DE | DE8127-301 | Illerdurchbruch zwischen Reicholzried und Lautrach | H | 9.68 |
| DE | DE8131-301 | Moorkette von Peiting bis Wessobrunn | H | 9.43 |
| DE | DE8131-371 | Lech zwischen Hirschau und Landsberg mit Auen und Leiten | H | 28.9 |
| DE | DE8133-301 | Naturschutzgebiet 'Osterseen' | H | 10.87 |
| DE | DE8133-302 | Eberfinger Drumlinfeld mit Magnetsrieder Hardt u. Bernrieder Filz | H | 11.16 |
| DE | DE8133-371 | Starnberger See | H | 56.89 |
| DE | DE8133-401 | Starnberger See | B | 56.93 |
| DE | DE8134-371 | Moore südlich Königsdorf, Rothenrainer Moore und Königsdorfer Alm | H | 10.98 |
| DE | DE8135-371 | Moore zwischen Dietramszell und Deining | H | 9.61 |
| DE | DE8136-302 | Taubenberg | B,H | 18.5 |
| DE | DE8136-371 | Mangfalltal | H | 13.47 |
| DE | DE8138-372 | Moore um Raubling | H | 10.28 |
| DE | DE8139-371 | Simsseegebiet | H | 10.42 |
| DE | DE8140-371 | Moore südlich des Chiemsees | H | 35.67 |
| DE | DE8140-372 | Chiemsee | H | 81.51 |
| DE | DE8140-471 | Chiemseegebiet mit Alz | B | 103.55 |
| DE | DE8141-471 | Moore südlich des Chiemsees | B | 27.21 |
| DE | DE8142-371 | Moore im Salzach-Hügelland | H | 13.08 |
| DE | DE8142-372 | Oberes Surtal und Urstromtal Höglwörth | H | 8.78 |
| DE | DE8227-373 | Kürnacher Wald | H | 27.6 |
| DE | DE8228-301 | Kempter Wald mit Oberem Rottachtal | H | 40.96 |
| DE | DE8232-371 | Grasleitner Moorlandschaft | H | 21.38 |
| DE | DE8233-301 | Moor- und Drumlinlandschaft zwischen Hohenkasten und Antdorf | H | 14.12 |
| DE | DE8234-371 | Moore um Penzberg | H | 11.62 |
| DE | DE8235-301 | Ellbach- und Kirchseemoor | H | 11.72 |
| DE | DE8235-371 | Attenloher Filzen und Mariensteiner Moore | H | 6.51 |
| DE | DE8236-371 | Flyschberge bei Bad Wiessee | H | 9.55 |
| DE | DE8237-371 | Leitzachtal | H | 22.39 |
| DE | DE8239-371 | Hochriesgebiet und Hangwälder im Aschauer Tal | H | 18.26 |
| DE | DE8239-372 | Geigelstein und Achentaldurchbruch | H | 32.07 |
| DE | DE8239-401 | Geigelstein | B | 32.08 |
| DE | DE8241-372 | Östliche Chiemgauer Alpen | H | 129.23 |
| DE | DE8327-304 | Rottachberg und Rottachschlucht | H | 5.27 |
| DE | DE8329-301 | Wertachdurchbruch | B,H | 8.76 |
| DE | DE8329-303 | Sulzschneider Moore | H | 17.95 |
| DE | DE8330-371 | Urspringer Filz,Premer Filz und Viehweiden | H | 5.48 |
| DE | DE8330-471 | Ammergebirge mit Kienberg und Schwarzenberg sowie Falkenstein | B | 301.05 |
| DE | DE8331-302 | Ammer vom Alpenrand b. zum NSG 'Vogelfreistätte Ammersee-Südufer' | H | 23.91 |
| DE | DE8331-303 | Trauchberger Ach, Moore und Wälder am Nordrand des Ammergebirges | H | 11.29 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| DE | DE8332-301 | Murnauer Moos | H | 42.9 |
| DE | DE8332-371 | Moore im oberen Ammertal | H | 6.29 |
| DE | DE8332-372 | Moränenlandschaft zwischen Staffelsee und Baiersoien | H | 25.92 |
| DE | DE8332-471 | Murnaür Moos und Pfrühlmoos | B | 72.82 |
| DE | DE8334-371 | Loisach-Kochelsee-Moore | H | 19 |
| DE | DE8334-373 | Kesselberggebiet | H | 6.48 |
| DE | DE8334-471 | Loisach-Kochelsee-Moore | B | 41.84 |
| DE | DE8336-371 | Mangfallgebirge | H | 148.72 |
| DE | DE8342-301 | Nationalpark Berchtesgaden | B,H | 213.64 |
| DE | DE8342-302 | NSG 'Aschau', NSG 'Schwarzbach' und Schwimmendes Moos | H | 8.04 |
| DE | DE8343-303 | Untersberg | H | 35.14 |
| DE | DE8426-302 | Nagelfluhkette Hochgrat-Steineberg | H | 19.93 |
| DE | DE8429-303 | Kienberg mit Magerrasen im Tal der Steinacher Ach | H | 6.24 |
| DE | DE8430-301 | Naturschutzgebiet 'Bannwaldsee' | H | 5.58 |
| DE | DE8430-303 | Falkenstein, Alatsee, Faulenbacher- und Lechtal | H | 9.87 |
| DE | DE8431-371 | Ammergebirge | H | 275.82 |
| DE | DE8432-301 | Loisachtal zwischen Farchant und Eschenlohe | H | 6.92 |
| DE | DE8433-301 | Karwendel mit Isar | B,H | 195.9 |
| DE | DE8433-371 | Estergebirge | H | 60.77 |
| DE | DE8434-372 | Jachenau und Extensivwiesen bei Fleck | H | 14.52 |
| DE | DE8527-301 | Hörnergruppe | H | 11.83 |
| DE | DE8528-301 | Allgäuer Hochalpen | H | 212.27 |
| DE | DE8532-371 | Wettersteingebirge | H | 42.57 |
| DE | DE8532-471 | Naturschutzgebiet "Schachen und Reintal" | B | 39.64 |
| DE | DE8533-301 | Mittenwalder Buckelwiesen | H | 19.29 |
| DE | DE8626-301 | Hoher Ifen | H | 24.51 |
| HR | HR1054 | Plitvička jezera | O | 296.2 |
| HR | HR146755 | Jelas polje | O | 195.26 |
| HR | HR146758 | Bara Dvorina kraj Donje Bebrine | O | 7.37 |
| HR | HR15602 | Kopački rit | O | 231.43 |
| HR | HR15605 | Už e podrucje Kopačkog rita | O | 72.37 |
| HR | HR15614 | Medvednica | O | 179.36 |
| HR | HR15615 | Bijele i Samarske stijene | O | 11.26 |
| HR | HR15618 | Crna Mlaka | O | 6.94 |
| HR | HR2518 | Risnjak | O | 63.45 |
| HR | HR377823 | Vuka | O | 5.23 |
| HR | HR377833 | Mura | O | 143.54 |
| HR | HR377853 | Ž umberak - Samoborsko gorje | O | 342.43 |
| HR | HR377920 | Turopoljski lug i vlaž ne livade uz rijeku Odru | O | 33.48 |
| HR | HR378013 | Odransko polje | O | 93.99 |
| HR | HR378033 | Papuk | O | 343.07 |
| HR | HR392915 | Sunjsko polje | O | 203.2 |
| HR | HR393049 | Mura-Drava | O | 1448.11 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| HR | HR63666 | Lonjsko polje | O | 511.26 |
| HR | HR81108 | Veliki Paž ut | O | 12.01 |
| HR | HR81116 | Varoški Lug | O | 8.97 |
| HR | HR81145 | Jankovac | O | 6.48 |
| HR | HRHR1000001 | Pokupski bazen | B | 449.69 |
| HR | HRHR1000002 | Sava kod Hru□čice (s okolnim □ljunčarama) | B | 17.58 |
| HR | HRHR1000003 | Turopolje | B | 227.44 |
| HR | HRHR1000004 | Donja Posavina | B | 1258.87 |
| HR | HRHR1000005 | Jelas polje s ribnjacima i poplavnim paš njacima uz Savu | B | 418.46 |
| HR | HRHR1000006 | Spačvanski bazen | B | 429.3 |
| HR | HRHR1000011 | Ribnjaci Grudnjak i Na□ički ribnjak s kompleksom luž njakovih š uma | B | 205.56 |
| HR | HRHR1000013 | Dravske akumulacije | B | 196.81 |
| HR | HRHR1000014 | Gornji tok Drave (od Donje Dubrave do Terezinog polja) | B | 341.21 |
| HR | HRHR1000015 | Srednji tok Drave (od Terezinog polja do Donjeg Miholjca) | B | 171.76 |
| HR | HRHR1000016 | Podunavlje i donje Podravlje | B | 823.99 |
| HR | HRHR1000040 | Papuk | B | 362.72 |
| HR | HRHR2000364 | Mura | H | 145.93 |
| HR | HRHR2000365 | Plitvica | H | 21.5 |
| HR | HRHR2000366 | Bednja | H | 42.25 |
| HR | HRHR2000372 | Dunav - Vukovar | H | 61.83 |
| HR | HRHR2000382 | Potok Zbel | H | 7.45 |
| HR | HRHR2000387 | Beletinec | H | 16.17 |
| HR | HRHR2000388 | Slanje | H | 6.76 |
| HR | HRHR2000394 | Kopa_ki rit | H | 231.27 |
| HR | HRHR2000401 | Uš_e Plitvice i Bednje | H | 13.5 |
| HR | HRHR2000409 | Kri_nica | H | 6.98 |
| HR | HRHR2000414 | Izvorišno podru_je Odre | H | 9.05 |
| HR | HRHR2000415 | Odransko polje | H | 84.96 |
| HR | HRHR2000416 | Lonjsko polje | H | 501.83 |
| HR | HRHR2000420 | Sunjsko polje | H | 203.6 |
| HR | HRHR2000424 | Vlakanac - Radinje | H | 32.05 |
| HR | HRHR2000426 | Dvorina | H | 20.64 |
| HR | HRHR2000427 | Gajna | H | 5.65 |
| HR | HRHR2000431 | Sava - Štitar | H | 17.55 |
| HR | HRHR2000439 | Dolina Bijele | H | 5.16 |
| HR | HRHR2000452 | Zrinska gora | H | 356.59 |
| HR | HRHR2000463 | dolina Une | H | 39.35 |
| HR | HRHR2000465 | Ž utica | H | 46.97 |
| HR | HRHR2000569 | Vuka | H | 5.23 |
| HR | HRHR2000580 | Papuk | H | 350.34 |
| HR | HRHR2000583 | Medvednica | H | 226.09 |
| HR | HRHR2000592 | Ogulinsko-plaš_ansko podru_je | H | 434.78 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| HR | HRHR2000593 | Mre_nica - Tounj_ica | H | 15.21 |
| HR | HRHR2000595 | Korana | H | 25.74 |
| HR | HRHR2000609 | Dolina Dretulje | H | 5.81 |
| HR | HRHR2000613 | Stari tok Drave I | H | 26.41 |
| HR | HRHR2000614 | Stari tok Drave II | H | 24.51 |
| HR | HRHR2000620 | Mala i Velika Utinja | H | 21.5 |
| HR | HRHR2000631 | Odra | H | 5.03 |
| HR | HRHR2000632 | Krbavsko polje | H | 118.53 |
| HR | HRHR2000634 | Stajni_ko polje | H | 5 |
| HR | HRHR2000642 | Kupa | H | 63.66 |
| HR | HRHR2000646 | Polje Lug | H | 7.31 |
| HR | HRHR2000879 | Lapa_ko polje | H | 22.23 |
| HR | HRHR2001070 | Sutla | H | 5.53 |
| HR | HRHR2001118 | Park šuma Jankovac | H | 6.38 |
| HR | HRHR2001311 | Sava | H | 123.61 |
| HR | HRHR5000006 | Spa_vanski bazen | H | 429.3 |
| HR | HRHR5000013 | Šire podru_je Drave | H | 1527.98 |
| HR | HRHR5000019 | Gorski kotar, Primorje i sjeverna Lika | H | 1651.27 |
| HR | HRHR5000020 | Nacionalni park Plitvi_ka jezera (s Vrhovinskim poljem) | H | 266.49 |
| HU | HU109/NP/74 | Kiskunsági Nemzeti Park | O | 505.23 |
| HU | HU112/TK/75 | Ócsai Tájvédelmi Körzet | O | 36.45 |
| HU | HU118/TK/75 | Lázbérci Tájvédelmi Körzet | O | 37.18 |
| HU | HU122/TK/76 | Pusztaszeri Tájvédelmi Körzet | O | 223.33 |
| HU | HU124/TT/76 | Péteri-tavi madárrezervátum természetvédelmi terület | O | 7.8 |
| HU | HU126/TK/76 | Zselici Tájvédelmi Körzet | O | 83.01 |
| HU | HU138/NP/76 | Bükki Nemzeti Park | O | 428.41 |
| HU | HU139/TK/76 | Vértesi Tájvédelmi Körzet | O | 152.08 |
| HU | HU140/TK/77 | Soproni Tájvédelmi Körzet | O | 50.68 |
| HU | HU146/TK/77 | Kelet-Mecsek Tájvédelmi Körzet | O | 93.39 |
| HU | HU148/TT/77 | Tiszadobi-ártér természetvédelmi terület | O | 10.21 |
| HU | HU150/TT/77 | Nagybereki Fehér-víz természetvédelmi terület | O | 15.83 |
| HU | HU152/TK/77 | Gerecsei Tájvédelmi Körzet | O | 86.6 |
| HU | HU158/TK/78 | Közép-tiszai Tájvédelmi Körzet | O | 94.52 |
| HU | HU164/TT/78 | Tiszatelek–Tiszaberceli-ártér természetvédelmi terület | O | 15.06 |
| HU | HU170/TK/80 | Kőszegi Tájvédelmi Körzet | O | 43.35 |
| HU | HU171/TK/82 | Szatmár-beregi Tájvédelmi Körzet | O | 218.92 |
| HU | HU172/TK/84 | Zempléni Tájvédelmi Körzet | O | 267.65 |
| HU | HU177/NP/85 | Aggteleki Nemzeti Park | O | 201.84 |
| HU | HU180/TK/85 | Mátrai Tájvédelmi Körzet | O | 129.88 |
| HU | HU181/TK/86 | Sárréti Tájvédelmi Körzet | O | 22.14 |
| HU | HU183/TK/86 | Tokaj–Bodrogzug Tájvédelmi Körzet | O | 52.86 |
| HU | HU184/TT/86 | Bihari-legelő természetvédelmi terület | O | 7.7 |
| HU | HU185/TT/86 | Balatonfüredi-erdő természetvédelmi terület | O | 8.69 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| HU | HU187/TK/87 | Szigetközi Tájvédelmi Körzet | O | 96.87 |
| HU | HU201/TK/88 | Hajdúsági Tájvédelmi Körzet | O | 70.9 |
| HU | HU211/TK/89 | Karancs– Medves Tájvédelmi Körzet | O | 66.2 |
| HU | HU212/TK/89 | Borsodi-Mezőség Tájvédelmi Körzet | O | 184.3 |
| HU | HU219/TT/90 | Császártöltési Vörös Mocsár Természetvédelmi Terület | O | 9.3 |
| HU | HU221/TT/90 | Kiskőrösi-turjános természetvédelmi terület | O | 6.41 |
| HU | HU230/TT/90 | Kecskeri-puszta Természetvédelmi Terület | O | 12.63 |
| HU | HU232/TK/90 | Kesznyéteni Tájvédelmi Körzet | O | 58.33 |
| HU | HU238/NP/91 | Fertő– Hanság Nemzeti Park | O | 237.27 |
| HU | HU240/TK/91 | Magas-bakonyi Tájvédelmi Körzet | O | 87.32 |
| HU | HU242/TK/91 | Boronka-melléki Tájvédelmi Körzet | O | 84.96 |
| HU | HU253/TK/92 | Pannonhalmi Tájvédelmi Körzet | O | 82.85 |
| HU | HU258/TK/93 | Hevesi Füves Puszták Tájvédelmi Körzet | O | 161.07 |
| HU | HU260/TK/93 | Tarnavidéki Tájvédelmi Körzet | O | 93.84 |
| HU | HU271/NP/96 | Duna–Dráva Nemzeti Park | O | 496.34 |
| HU | HU272/TT/96 | Rétszilasi-tavak Természetvédelmi Terület | O | 14.96 |
| HU | HU274/TT/96 | Long-erdő természetvédelmi terület | O | 10.05 |
| HU | HU276/NP/97 | Körös– Maros Nemzeti Park | O | 512.01 |
| HU | HU280/TK/97 | Sárvíz-völgye Tájvédelmi Körzet | O | 34.8 |
| HU | HU282/NP/97 | Balaton-felvidéki Nemzeti Park | O | 580.56 |
| HU | HU283/NP/97 | Duna– Ipoly Nemzeti Park | O | 606.69 |
| HU | HU284/TK/98 | Bihari-sík Tájvédelmi Körzet | O | 166.05 |
| HU | HU287/TK/98 | Tápió-Hajta Vidéke Tájvédelmi Körzet | O | 42.31 |
| HU | HU293/TK/99 | Dél-Mezőföld Tájvédelmi Körzet | O | 77.52 |
| HU | HU296/NP/02 | Őrségi Nemzeti Park | O | 438.98 |
| HU | HU308/TK/07 | Mura-menti Tájvédelmi Körzet | O | 19.02 |
| HU | HU319/TK/09 | Nyugat-Mecsek Tájvédelmi Körzet | O | 103.65 |
| HU | HU330/TK/12 | Körös-éri Tájvédelmi Körzet | O | 22.24 |
| HU | HU87/TT/66 | Dinnyési-fertő természetvédelmi terület | O | 5.29 |
| HU | HU94/TK/71 | Mártélyi Tájvédelmi Körzet | O | 22.76 |
| HU | HU97/NP/73 | Hortobágyi Nemzeti Park | O | 811.31 |
| HU | HUAN10001 | Aggteleki-karszt | B | 236.2 |
| HU | HUAN10002 | Putnok-dombság | B | 71.16 |
| HU | HUAN20001 | Aggteleki-karszt és peremterületei | H | 231.04 |
| HU | HUAN20002 | Rakaca-völgy és oldalvölgyei | H | 20.82 |
| HU | HUAN20003 | Bódva-völgy és Sas-patak-völgye | H | 26.95 |
| HU | HUAN20004 | Hernád-völgy és Sajóládi-erdő | H | 50.38 |
| HU | HUAN20005 | Szuha-völgy | H | 10.39 |
| HU | HUAN20006 | Sajó-völgy | H | 20.75 |
| HU | HUAN21007 | Bózsva-patak | H | 8.32 |
| HU | HUBF10001 | Mórichelyi-halastavak | B | 6.49 |
| HU | HUBF20001 | Keleti-Bakony | H | 226.5 |
| HU | HUBF20002 | Papod és Miklád | H | 77.35 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| HU | HUBF20003 | Kab-hegy | H | 80.76 |
| HU | HUBF20004 | Agár-tető | H | 51.36 |
| HU | HUBF20006 | Tihanyi-félsziget | H | 7.74 |
| HU | HUBF20007 | Monostorapáti Fekete-hegy | H | 17.89 |
| HU | HUBF20009 | Devecseri Széki-erdő | H | 15.94 |
| HU | HUBF20011 | Felső-Nyirádi-erdő és Meggyes-erdő | H | 41.77 |
| HU | HUBF20014 | Pécselyi-medence | H | 8.67 |
| HU | HUBF20015 | Marcal-medence | H | 48.87 |
| HU | HUBF20016 | Öreg-hegyi riviéra | H | 12.07 |
| HU | HUBF20017 | Kádártai dolomitmezők | H | 7.93 |
| HU | HUBF20028 | Tapolcai-medence | H | 23.01 |
| HU | HUBF20034 | Balatonfüredi-erdő | H | 34.9 |
| HU | HUBF20035 | Keszthelyi-hegység | H | 148.98 |
| HU | HUBF20037 | Alsó-Zala-völgy | H | 65.52 |
| HU | HUBF20039 | Nyugat-Göcsej | H | 45.25 |
| HU | HUBF20040 | Vétyempuszta | H | 41.41 |
| HU | HUBF20043 | Mura mente | H | 21.45 |
| HU | HUBF20044 | Kerka mente | H | 73.41 |
| HU | HUBF20045 | Szévíz–Principális-csatorna | H | 80.19 |
| HU | HUBF20046 | Oltárc | H | 89.61 |
| HU | HUBF20047 | Felső-Zala-völgy | H | 11.1 |
| HU | HUBF20048 | Kebele | H | 19.25 |
| HU | HUBF20049 | Dél-zalai homokvidék | H | 29.09 |
| HU | HUBF20050 | Csörnyeberek | H | 21.34 |
| HU | HUBF20052 | Sárvíz-patak mente | H | 11.86 |
| HU | HUBF20054 | Nagykapornaki erdő | H | 6.38 |
| HU | HUBF20055 | Remetekert | H | 9.72 |
| HU | HUBF30001 | Északi-Bakony | B,H | 257.79 |
| HU | HUBF30002 | Balaton | B,H | 594.83 |
| HU | HUBF30003 | Kis-Balaton | B,H | 133.44 |
| HU | HUBN10001 | Bodrogzug–Kopasz-hegy–Taktaköz | B | 226.46 |
| HU | HUBN10002 | Borsodi-sík | B | 362.4 |
| HU | HUBN10003 | Bükk hegység és peremterületei | B | 662.08 |
| HU | HUBN10004 | Hevesi-sík | B | 770.16 |
| HU | HUBN10005 | Kesznyéten | B | 63.53 |
| HU | HUBN10006 | Mátra | B | 373.07 |
| HU | HUBN10007 | Zempléni-hegység a Szerencsi-dombsággal és a Hernád-völggyel | B | 1145.37 |
| HU | HUBN20001 | Bükk-fennsík és Lök-völgy | H | 143.83 |
| HU | HUBN20002 | Hór-völgy és Déli-Bükk | H | 55.2 |
| HU | HUBN20007 | Kisgyőri Halom-vár– Csincse-völgy– Cseh-völgy | H | 10.01 |
| HU | HUBN20012 | Egerbakta-Bátor környéki erdők | H | 26.3 |
| HU | HUBN20013 | Hevesaranyosi-Fedémesi dombvidék | H | 12.38 |
| HU | HUBN20014 | Gyepes-völgy | H | 30.13 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| HU | HUBN20015 | Izra-völgy és Arlói-tó | H | 13.49 |
| HU | HUBN20018 | Upponyi-szoros | H | 12.9 |
| HU | HUBN20021 | Domaházi Hangony-patak völgye | H | 11.71 |
| HU | HUBN20025 | Nagybarcai Liget-hegy és sajóvelezdi Égett-hegy | H | 12.02 |
| HU | HUBN20034 | Borsodi-Mezőség | H | 148.5 |
| HU | HUBN20041 | Pélyi szikesek | H | 27.69 |
| HU | HUBN20047 | Mátra északi letörése | H | 7.8 |
| HU | HUBN20049 | Mátrabérc– Fallóskúti-rétek | H | 15.07 |
| HU | HUBN20051 | Nyugat-Mátra | H | 14.99 |
| HU | HUBN20056 | Tepke | H | 24.23 |
| HU | HUBN20057 | Bézma | H | 8.32 |
| HU | HUBN20062 | Középső-Ipoly-völgy | H | 16.79 |
| HU | HUBN20063 | Karancs | H | 8.82 |
| HU | HUBN20069 | Kesznyéteni Sajó-öböl | H | 47.29 |
| HU | HUBN20071 | Bodrogzug és Bodrog hullámtere | H | 73.72 |
| HU | HUBN20081 | Long-erdő | H | 31.6 |
| HU | HUBN20084 | Központi-Zempléni-hegység | H | 86.66 |
| HU | HUBN20085 | Északi-Zempléni-hegység | H | 18.54 |
| HU | HUBN20087 | Baskói-rétek | H | 5.86 |
| HU | HUBN20089 | Füzéri Pál-hegy | H | 7.33 |
| HU | HUDD10002 | Nyugat-Dráva | B | 152.37 |
| HU | HUDD10003 | Gemenc | B | 196.41 |
| HU | HUDD10004 | Béda-Karapancsa | B | 87.22 |
| HU | HUDD10007 | Mecsek | B | 206.35 |
| HU | HUDD10008 | Belső-Somogy | B | 333.28 |
| HU | HUDD10012 | Balatoni berkek | B | 86.49 |
| HU | HUDD20001 | Tenkes | H | 15.59 |
| HU | HUDD20004 | Dél-Zselic | H | 68.05 |
| HU | HUDD20007 | Kelet-Dráva | H | 66.24 |
| HU | HUDD20008 | Ormánsági erdők | H | 105.32 |
| HU | HUDD20011 | Szekszárdi-dombvidék | H | 24.46 |
| HU | HUDD20012 | Geresdi-dombvidék | H | 65.67 |
| HU | HUDD20014 | Jánosházi-erdő és Égett-berek | H | 6.19 |
| HU | HUDD20015 | Kisbajomi erdők | H | 13 |
| HU | HUDD20016 | Észak-Zselici erdőségek | H | 162.48 |
| HU | HUDD20017 | Mocsoládi-erdő | H | 25.86 |
| HU | HUDD20020 | Közép-mezőföldi löszvölgyek | H | 15.98 |
| HU | HUDD20023 | Tolnai Duna | H | 71.62 |
| HU | HUDD20026 | Lengyel-hőgyészi erdők | H | 36.36 |
| HU | HUDD20029 | Kisszékelyi-dombság | H | 29.79 |
| HU | HUDD20030 | Mecsek | H | 261.81 |
| HU | HUDD20031 | Fehérvíz | H | 15.5 |
| HU | HUDD20032 | Gemenc | H | 207.04 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| HU | HUDD20035 | Pogány-völgyi rétek | H | 19.87 |
| HU | HUDD20036 | Ordacsehi berek | H | 7.49 |
| HU | HUDD20040 | Tengelici homokvidék | H | 57.88 |
| HU | HUDD20042 | Köröshegyi-erdők | H | 16.82 |
| HU | HUDD20044 | Boronka-melléke | H | 114.91 |
| HU | HUDD20045 | Béda-Karapancsa | H | 107.98 |
| HU | HUDD20046 | Törökkoppányi erdők | H | 21.65 |
| HU | HUDD20051 | Darányi borókás | H | 34.79 |
| HU | HUDD20052 | Ormánsági vizes élőhelyek és gyepek | H | 14.14 |
| HU | HUDD20056 | Közép-Dráva | H | 62.75 |
| HU | HUDD20057 | Somogymeggyesi erdő | H | 6.78 |
| HU | HUDD20058 | Látrányi-puszta | H | 9.81 |
| HU | HUDD20059 | Balatonkeresztúri rétek | H | 5.89 |
| HU | HUDD20062 | Nyugat-Dráva-sík | H | 51.78 |
| HU | HUDD20063 | Szentai erdő | H | 195.28 |
| HU | HUDD20064 | Ságvári dombok | H | 23.44 |
| HU | HUDD20066 | Pécsi-sík | H | 5.05 |
| HU | HUDD20068 | Gyékényesi erdők | H | 7.76 |
| HU | HUDD20073 | Szedresi Ős-Sárvíz | H | 7.53 |
| HU | HUDI10003 | Gerecse | B | 295.98 |
| HU | HUDI10004 | Jászkarajenői puszták | B | 104.34 |
| HU | HUDI10005 | Sárvíz völgye | B | 78.64 |
| HU | HUDI10006 | Tatai Öreg-tó | B | 26.24 |
| HU | HUDI10007 | Velencei-tó és Dinnyési-fertő | B | 21.76 |
| HU | HUDI10008 | Ipoly völgye | B | 63.54 |
| HU | HUDI20003 | Alapi kaszálórétek | H | 5.19 |
| HU | HUDI20005 | Bársonyos | H | 12.1 |
| HU | HUDI20009 | Budai-hegység | H | 95.22 |
| HU | HUDI20015 | Déli-Gerecse | H | 48.15 |
| HU | HUDI20016 | Epöli szarmata vonulat | H | 15.77 |
| HU | HUDI20019 | Felső-Tápió | H | 20.48 |
| HU | HUDI20021 | Gerje mente | H | 33.43 |
| HU | HUDI20022 | Gógány- és Kőrös-ér mente | H | 8.18 |
| HU | HUDI20023 | Gödöllői-dombság | H | 75.17 |
| HU | HUDI20024 | Tápiógyörgye-Újszilvási szikesek | H | 17.44 |
| HU | HUDI20025 | Hajta mente | H | 57.94 |
| HU | HUDI20026 | Ipoly-völgy | H | 29.37 |
| HU | HUDI20030 | Központi-Gerecse | H | 59.12 |
| HU | HUDI20031 | Lajoskomáromi löszvölgyek | H | 9.1 |
| HU | HUDI20033 | Móri-árok | H | 6.84 |
| HU | HUDI20034 | Duna és ártere | H | 165.74 |
| HU | HUDI20039 | Pilis és Visegrádi-hegység | H | 301.46 |
| HU | HUDI20042 | Ráckevei Duna-ág | H | 31.91 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| HU | HUDI20044 | Sárrét | H | 41.09 |
| HU | HUDI20046 | Székek | H | 36.16 |
| HU | HUDI20049 | Szentgyörgypuszta | H | 9.75 |
| HU | HUDI20050 | Alsó-Tápió és patakvölgyek | H | 18.01 |
| HU | HUDI20051 | Turjánvidék | H | 122.13 |
| HU | HUDI20054 | Velencei-tó | H | 10.82 |
| HU | HUDI30001 | Vértes | B,H | 255.54 |
| HU | HUDI30002 | Zámolyi-medence | B,H | 25.95 |
| HU | HUFH10001 | Fertő-tó | B | 86.97 |
| HU | HUFH10004 | Mosoni-sík | B | 130.96 |
| HU | HUFH20001 | Rábaköz | H | 59.73 |
| HU | HUFH20002 | Fertő-tó | H | 112.99 |
| HU | HUFH20003 | Fertőmelléki dombsor | H | 25.64 |
| HU | HUFH20009 | Gönyüi-homokvidék | H | 28.81 |
| HU | HUFH20010 | Répce mente | H | 16.26 |
| HU | HUFH20011 | Rába | H | 51.07 |
| HU | HUFH20012 | Soproni-hegység | H | 52.64 |
| HU | HUFH20013 | Határ-menti erdők | H | 22.53 |
| HU | HUFH30004 | Szigetköz | B,H | 171.83 |
| HU | HUFH30005 | Hanság | B,H | 135.45 |
| HU | HUHN10001 | Szatmár-Bereg | B | 528.48 |
| HU | HUHN10002 | Hortobágy | B | 1211.1 |
| HU | HUHN10004 | Közép-Tisza | B | 136.39 |
| HU | HUHN10008 | Felső-Tisza | B | 148.2 |
| HU | HUHN20001 | Felső-Tisza | H | 286.82 |
| HU | HUHN20002 | Hortobágy | H | 1051.7 |
| HU | HUHN20003 | Tisza-tó | H | 178.3 |
| HU | HUHN20004 | Felső-Sebes-Körös | H | 5.18 |
| HU | HUHN20008 | Kismarj-pocsaj-esztári gyepek | H | 24.27 |
| HU | HUHN20013 | Közép-Bihar | H | 120.45 |
| HU | HUHN20015 | Közép-Tisza | H | 142.36 |
| HU | HUHN20016 | Kék-Kálló-völgye | H | 15.04 |
| HU | HUHN20032 | Gúti-erdő | H | 56.83 |
| HU | HUHN20035 | Ömbölyi-erdő és Fényi-erdő | H | 14.33 |
| HU | HUHN20045 | Kaszonyi-hegy– Dédai-erdő | H | 13.27 |
| HU | HUHN20046 | Gelénes– Beregdaróc | H | 11.59 |
| HU | HUHN20047 | Vámosatya-Csaroda | H | 20.08 |
| HU | HUHN20048 | Tarpa-Tákos | H | 63.51 |
| HU | HUHN20049 | Lónya-Tiszaszalka | H | 41.35 |
| HU | HUHN20050 | Kömörő-Fülesd | H | 19.44 |
| HU | HUHN20053 | Magosligeti-erdő és gyepek | H | 5.6 |
| HU | HUHN20054 | Csaholc– Garbolc | H | 40.54 |
| HU | HUHN20055 | Rozsály– Csengersima | H | 9.85 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| HU | HUHN20058 | Teremi-erdő | H | 9.12 |
| HU | HUHN20069 | Hajdúszoboszlói szikes gyepek | H | 5.54 |
| HU | HUHN20113 | Kisvárdai gyepek | H | 6.87 |
| HU | HUHN21164 | Liget-legelő | H | 22.07 |
| HU | HUKM10002 | Kis-Sárrét | B | 83.4 |
| HU | HUKM10003 | Dévaványai-sík | B | 252.14 |
| HU | HUKM10004 | Vásárhelyi- és Csanádi-puszták | B | 218.33 |
| HU | HUKM10005 | Cserebökényi-puszták | B | 280.75 |
| HU | HUKM20001 | Hódmezővásárhely környéki és csanádi-háti puszták | H | 164.19 |
| HU | HUKM20002 | Hómezővásárhelyi Kék-tó | H | 39.1 |
| HU | HUKM20004 | Száraz-ér | H | 15.22 |
| HU | HUKM20005 | Deszki gyepek | H | 5.37 |
| HU | HUKM20008 | Maros | H | 59.65 |
| HU | HUKM20012 | Fekete-, Fehér- és Kettős-Körös | H | 19.8 |
| HU | HUKM20014 | Dévaványa környéki gyepek | H | 140.27 |
| HU | HUKM20015 | Hortobágy-Berettyó | H | 30.79 |
| HU | HUKM20016 | Sebes-Körös | H | 14.55 |
| HU | HUKM20017 | Hármas-Körös | H | 78.18 |
| HU | HUKM20019 | Dél-bihari szikesek | H | 65.22 |
| HU | HUKM20026 | Tóniszállás-szarvasi gyepek | H | 5.87 |
| HU | HUKM20027 | Cserebökény | H | 100 |
| HU | HUKM20028 | Tőkei gyepek | H | 29.86 |
| HU | HUKM20029 | Szentesi gyepek | H | 6.06 |
| HU | HUKM20030 | Lapistó-Fertő | H | 19.03 |
| HU | HUKN10001 | Felső-Kiskunsági szikes puszták és turjánvidék | B | 418.16 |
| HU | HUKN10002 | Kiskunsági szikes tavak és az őrjegi turjánvidék | B | 357.22 |
| HU | HUKN10004 | Tisza Alpár-Bokrosi ártéri öblözete | B | 50.27 |
| HU | HUKN10007 | Alsó-Tiszavölgy | B | 362.93 |
| HU | HUKN10008 | Balástya-Szatymaz környéki homokvidék | B | 61.72 |
| HU | HUKN20002 | Peszéri-erdő | H | 16.28 |
| HU | HUKN20003 | Felső-kiskunsági turjánvidék | H | 144.36 |
| HU | HUKN20004 | Dél-Bácska | H | 7.81 |
| HU | HUKN20008 | Déli-Homokhátság | H | 23.86 |
| HU | HUKN20013 | Fülöpszállás-soltszentimre-csengődi lápok | H | 31.23 |
| HU | HUKN20015 | Ágasegyháza-orgoványi rétek | H | 43.21 |
| HU | HUKN20017 | Közép-csongrádi szikesek | H | 11.43 |
| HU | HUKN20019 | Baksi-puszta | H | 48.75 |
| HU | HUKN20020 | Harkai-tó | H | 6.62 |
| HU | HUKN20021 | Ökördi□erdőteleki□keceli lápok | H | 25.18 |
| HU | HUKN20022 | Kiskőrösi turjános | H | 28.71 |
| HU | HUKN20024 | Bócsa-bugaci homokpuszta | H | 116.6 |
| HU | HUKN20026 | Móricgáti lápok | H | 7.67 |
| HU | HUKN20028 | Tisza Alpár-Bokrosi ártéri öblözet | H | 32.88 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| HU | HUKN20031 | Alsó-Tisza hullámtér | H | 79.3 |
| HU | HUKN20032 | Dél-Őrjeg | H | 45.85 |
| HU | HUKN20036 | Imre-hegy– pirtó– kiskunhalasi homokbuckák | H | 15.64 |
| HU | HUKN30001 | Csongrád-Bokrosi Sós-tó | B | 7.14 |
| HU | HUKN30002 | Gátéri Fehér-tó | B | 8.14 |
| HU | HUKN30003 | Izsáki Kolon-tó | B,H | 35.82 |
| HU | HUON10001 | Őrség | B | 456.94 |
| HU | HUON20002 | Kőszegi-hegység | H | 40.18 |
| HU | HUON20003 | Ablánc-patak völgye | H | 14.65 |
| HU | HUON20008 | Rába és Csörnöc-völgy | H | 121.47 |
| HU | HUON20012 | Kemenessömjéni cserjés legelő | H | 6.18 |
| HU | HUON20018 | Őrség | H | 441.65 |
| RO | RO2.104. | Zona carstică - Cheile Dâmbovita | O | 12.46 |
| RO | RO2.125. | Valea Vâlsanului | O | 118.85 |
| RO | RO2.234. | Rezervatia naturală Bucegi (Abruptul Bucsoiu, Mălăesti, Gaura) | O | 17.17 |
| RO | RO2.243. | Rezervatia naturală Cheile Dopca | O | 20.63 |
| RO | RO2.253. | Rezervatia naturală Muntele Postăvarul | O | 12.36 |
| RO | RO2.257. | Rezervatia naturală Pădurea Bogătii | O | 63.3 |
| RO | RO2.260. | Lacul Jirlău-Trup Visani | O | 5.43 |
| RO | RO2.271. | Balta Albă | O | 11.67 |
| RO | RO2.272. | Balta Amara | O | 8.14 |
| RO | RO2.276. | Rezervatia Cheile Nerei – Beusnita | O | 41.86 |
| RO | RO2.277. | Valea Ciclovei – Ilidia | O | 19.63 |
| RO | RO2.282. | Cheile Carasului | O | 32.65 |
| RO | RO2.283. | Izvoarele Carasului | O | 5.78 |
| RO | RO2.284. | Izvoarele Nerei | O | 50.73 |
| RO | RO2.285. | Cheile Gârlistei | O | 5.11 |
| RO | RO2.298. | Rezervaţia naturală Valea Mare | O | 11.64 |
| RO | RO2.334. | Stufarisurile de la Sic I | O | 5.04 |
| RO | RO2.337. | Pestera din Piatra Ponorului | O | 17.08 |
| RO | RO2.345. | Vama Veche – 2 Mai (Acvatoriul litoralul marin) | O | 55.6 |
| RO | RO2.346. | Grindul Chituc DD– A | O | 23 |
| RO | RO2.347. | Grindul Lupilor DD– A | O | 20.74 |
| RO | RO2.372. | Mestecănisul de la Reci | O | 21.13 |
| RO | RO2.376. | Orzea - Zănoaga | O | 7.13 |
| RO | RO2.389. | Gogosu Stefănel | O | 8.17 |
| RO | RO2.399. | Cleanov | O | 7.39 |
| RO | RO2.414. | Lunca joasă a Prutului | O | 11.69 |
| RO | RO2.422. | Piatra Closanilor | O | 23.58 |
| RO | RO2.442. | Cheile Sohodolului | O | 6.1 |
| RO | RO2.482. | Cheile Bicazului si Lacul Rosu | O | 22 |
| RO | RO2.483. | Masivul Hăsmasul Mare, Piatra Singuratică | O | 8.76 |
| RO | RO2.485. | Cheile Vârghisului si pesterile din chei | O | 7.71 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| RO | RO2.494. | Rezervatia Stiintifică Gemenele | O | 19.29 |
| RO | RO2.497. | Complexul carstic Călianu – Ponorici – Ciclovina | O | 15.5 |
| RO | RO2.499. | Cheile si Pestera Sura Mare | O | 37.95 |
| RO | RO2.500. | Pestera Tecuri (Complexul carstic Răchitaua – Tecuri) | O | 5.36 |
| RO | RO2.525. | Codrii seculari de pe valea Dobrisoarei si Prisloapei | O | 5.04 |
| RO | RO2.530. | Cheile Cernei | O | 5.35 |
| RO | RO2.556. | Raul Prut | O | 53.21 |
| RO | RO2.580. | Cornu Nedeii-Ciungii Bălăsânii | O | 25.14 |
| RO | RO2.583. | Cheile Lăpusului (între Groape si Împreunături) | O | 14.87 |
| RO | RO2.589. | Piatra Rea | O | 5.23 |
| RO | RO2.597. | Gura Văii - Vârciorova PN - D, Municipiul Drobeta - Turnu Severin, localitatea | O | 7.21 |
| RO | RO2.600. | Pădurea de liliac Ponoarele Comuna Ponoarele | O | 6.17 |
| RO | RO2.601. | Tufărisurile mediteraneene de la Isverna Comuna Isverna | O | 5 |
| RO | RO2.602. | Vârful lui Stan, PN-B, Comuna Isverna | O | 7.1 |
| RO | RO2.603. | Valea Tesna PN-B Comuna Balta | O | 10.65 |
| RO | RO2.613. | Complexul carstic de la Ponoarele Comuna Ponoarele | O | 6.63 |
| RO | RO2.615. | Cheile Cosustei | O | 7.19 |
| RO | RO2.616. | Cornetul Babelor si Cerboaniei Comuna Balta | O | 8.51 |
| RO | RO2.619. | Cornetul Băltii, Comuna Balta | O | 9.35 |
| RO | RO2.638. | Defileul Deda - Toplita | O | 91.57 |
| RO | RO2.643. | Cheile Bicazului | O | 17.46 |
| RO | RO2.658. | Rezervatia de zimbri Neamt | O | 121.14 |
| RO | RO2.672. | Abruptul Prahovean Bucegi | O | 56.33 |
| RO | RO2.673. | Muntii Colti lui Barbes | O | 8.73 |
| RO | RO2.680. | Cursul inferior al râului Tur, Comuna Călinesti Oas | O | 15.12 |
| RO | RO2.701. | Valea Bâlii | O | 5.07 |
| RO | RO2.705. | Iezerele Cindrelului | O | 14.53 |
| RO | RO2.706. | Parcul Natural Dumbrava Sibiului | O | 10.06 |
| RO | RO2.707. | Parcul Natural Cindrel | O | 79.13 |
| RO | RO2.709. | Golul Alpin al Munţilor Făgăras | O | 48.45 |
| RO | RO2.715. | Tinovul Poiana Stampei | O | 6.44 |
| RO | RO2.722. | Pietrele Doamnei-Rarău | O | 9.7 |
| RO | RO2.723. | Codrul Secular Slătioara | O | 10.07 |
| RO | RO2.730. | Jnepenisul cu Pinus Cembra-Călimani PN-K | O | 5.61 |
| RO | RO2.750. | Rosca – Buhaiova DD– A | O | 94.56 |
| RO | RO2.751. | Pădurea Letea DD– A | O | 30.85 |
| RO | RO2.752. | Grindul si Lacul Răducu DD– A | O | 26.64 |
| RO | RO2.754. | Complexul  Vătafu Lungulet DD A | O | 16.21 |
| RO | RO2.755. | Pădurea Caraorman DD– A | O | 22.49 |
| RO | RO2.758. | Complexul Sacalin Zătoana DD– A | O | 213.93 |
| RO | RO2.761. | Lacul Potcoava DD– A | O | 6.26 |
| RO | RO2.798. | Pădurea Călinesti - Brezoi | O | 9.93 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| RO | RO2.826. | Rezervaţia naturală Valea Tisitei | O | 27.12 |
| RO | RO2.827. | Rezervatia naturală Pădurea Neagra | O | 5.99 |
| RO | ROA | Delta Dunarii - zona marina | O | 5800 |
| RO | ROA.1 | Defileul Muresului Superior | O | 94.94 |
| RO | ROA.1. | Defileul Jiului | O | 111.36 |
| RO | ROB | Domogled - Valea Cernei | O | 611.9 |
| RO | ROC | Retezat | O | 381.17 |
| RO | ROD | Portile de Fier | O | 1300 |
| RO | ROE | Cheile Nerei - Beusnita | O | 367.07 |
| RO | ROF | Apuseni | O | 760.22 |
| RO | ROG | Muntii Rodnei | O | 472.07 |
| RO | ROH | Bucegi | O | 325.98 |
| RO | ROI | Cheile Bicazului - Hasmas | O | 69.33 |
| RO | ROII.1. | Buila - Vanturarita | O | 44.9 |
| RO | ROJ | Ceahlau | O | 77.39 |
| RO | ROK | Calimani | O | 239.15 |
| RO | ROL | Cozia | O | 167.21 |
| RO | ROM | Piatra Craiului | O | 147.81 |
| RO | RON | Gradistea Muncelului - Cioclovina | O | 381.16 |
| RO | ROO | Semenic - Cheile Carasului | O | 362.19 |
| RO | ROP | Muntii Macinului | O | 111.14 |
| RO | ROR | Balta Mica a Brailei | O | 204.6 |
| RO | ROS | Vanatori-Neamt | O | 308.41 |
| RO | ROSCI0002 | Apuseni | H | 759.43 |
| RO | ROSCI0004 | Bagau | H | 31.29 |
| RO | ROSCI0005 | Balta Alba - Amara - Jirlau - Lacul Sarat Câineni | H | 63 |
| RO | ROSCI0006 | Balta Mica a Brailei | H | 208.72 |
| RO | ROSCI0007 | Bazinul Ciucului de Jos | H | 26.93 |
| RO | ROSCI0008 | Betfia | H | 17.48 |
| RO | ROSCI0009 | Bisoca | H | 11.63 |
| RO | ROSCI0012 | Bratul Macin | H | 102.35 |
| RO | ROSCI0013 | Bucegi | H | 387.87 |
| RO | ROSCI0014 | Bucsani | H | 5.13 |
| RO | ROSCI0015 | Buila - Vânturarita | H | 45.25 |
| RO | ROSCI0019 | Calimani - Gurghiu | H | 1349.66 |
| RO | ROSCI0020 | Câmpia Careiului | H | 236.36 |
| RO | ROSCI0021 | Câmpia Ierului | H | 212.83 |
| RO | ROSCI0022 | Canaralele Dunarii | H | 259.43 |
| RO | ROSCI0024 | Ceahlau | H | 77.37 |
| RO | ROSCI0025 | Cefa | H | 52.57 |
| RO | ROSCI0027 | Cheile Bicazului - Hasmas | H | 76.41 |
| RO | ROSCI0028 | Cheile Cernei | H | 5.77 |
| RO | ROSCI0029 | Cheile Glodului, Cibului si Mazii | H | 7.35 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| RO | ROSCI0030 | Cheile Lapusului | H | 16.6 |
| RO | ROSCI0031 | Cheile Nerei - Beusnita | H | 377.2 |
| RO | ROSCI0036 | Cheile Vârghisului | H | 8.34 |
| RO | ROSCI0037 | Ciomad - Balvanyos | H | 59.91 |
| RO | ROSCI0038 | Ciucas | H | 218.64 |
| RO | ROSCI0039 | Ciuperceni - Desa | H | 395.74 |
| RO | ROSCI0040 | Coasta Lunii | H | 6.94 |
| RO | ROSCI0042 | Codru Moma | H | 246.5 |
| RO | ROSCI0043 | Comana | H | 264.81 |
| RO | ROSCI0044 | Corabia - Turnu Magurele | H | 81.85 |
| RO | ROSCI0045 | Coridorul Jiului | H | 710.93 |
| RO | ROSCI0046 | Cozia | H | 167.6 |
| RO | ROSCI0047 | Creasta Nemirei | H | 35.09 |
| RO | ROSCI0048 | Crisul Alb | H | 8.91 |
| RO | ROSCI0049 | Crisul Negru | H | 18.27 |
| RO | ROSCI0050 | Crisul Repede amonte de Oradea | H | 18.59 |
| RO | ROSCI0051 | Cusma | H | 442.53 |
| RO | ROSCI0056 | Dealul Ciocas - Dealul Vitelului | H | 9.17 |
| RO | ROSCI0058 | Dealul lui Dumnezeu | H | 5.79 |
| RO | ROSCI0061 | Defileul Crisului Negru | H | 22.03 |
| RO | ROSCI0062 | Defileul Crisului Repede - Padurea Craiului | H | 394.11 |
| RO | ROSCI0063 | Defileul Jiului | H | 109.46 |
| RO | ROSCI0064 | Defileul Muresului | H | 341.34 |
| RO | ROSCI0065 | Delta Dunarii | H | 4530.76 |
| RO | ROSCI0066 | Delta Dunarii - zona marina | H | 737.56 |
| RO | ROSCI0069 | Domogled - Valea Cernei | H | 621.71 |
| RO | ROSCI0070 | Drocea | H | 261.08 |
| RO | ROSCI0071 | Dumbraveni - Valea Urluia - Lacul Vederoasa | H | 179.75 |
| RO | ROSCI0074 | Fagetul Clujului - Valea Morii | H | 16.67 |
| RO | ROSCI0075 | Padurea Patrauti | H | 87.46 |
| RO | ROSCI0076 | Dealul Mare - Hârlau | H | 251.12 |
| RO | ROSCI0084 | Ferice - Plai | H | 19.97 |
| RO | ROSCI0085 | Frumoasa | H | 1373.59 |
| RO | ROSCI0086 | Gaina - Lucina | H | 8.48 |
| RO | ROSCI0087 | Gradistea Muncelului - Ciclovina | H | 398.18 |
| RO | ROSCI0088 | Gura Vedei - Saica - Slobozia | H | 97.93 |
| RO | ROSCI0089 | Gutâi - Creasta Cocosului | H | 6.84 |
| RO | ROSCI0090 | Harghita Madaras | H | 133.73 |
| RO | ROSCI0091 | Herculian | H | 128.83 |
| RO | ROSCI0092 | Ignis | H | 195.98 |
| RO | ROSCI0099 | Lacul Stiucilor - Sic - Puini - Bontida | H | 37.98 |
| RO | ROSCI0101 | Larion | H | 30.23 |
| RO | ROSCI0102 | Leaota | H | 13.93 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| RO | ROSCI0103 | Lunca Buzaului | H | 69.86 |
| RO | ROSCI0104 | Lunca Inferioara a Crisului Repede | H | 6.56 |
| RO | ROSCI0105 | Lunca Joasa a Prutului | H | 48.21 |
| RO | ROSCI0106 | Lunca Mijlocie a Argesului | H | 36.14 |
| RO | ROSCI0108 | Lunca Muresului Inferior | H | 174.65 |
| RO | ROSCI0109 | Lunca Timisului | H | 99.19 |
| RO | ROSCI0111 | Mestecanisul de la Reci | H | 21.04 |
| RO | ROSCI0115 | Mlastina Satchinez | H | 22.9 |
| RO | ROSCI0116 | Molhasurile Capatânei | H | 8.16 |
| RO | ROSCI0119 | Muntele Mare | H | 16.54 |
| RO | ROSCI0122 | Muntii Fagaras | H | 1986.17 |
| RO | ROSCI0123 | Muntii Macinului | H | 168.94 |
| RO | ROSCI0124 | Muntii Maramuresului | H | 1068.91 |
| RO | ROSCI0125 | Muntii Rodnei | H | 480.62 |
| RO | ROSCI0126 | Muntii Tarcu | H | 586.57 |
| RO | ROSCI0128 | Nordul Gorjului de Est | H | 491.6 |
| RO | ROSCI0129 | Nordul Gorjului de Vest | H | 869.58 |
| RO | ROSCI0130 | Oituz - Ojdula | H | 153.5 |
| RO | ROSCI0131 | Oltenita - Mostistea - Chiciu | H | 113.49 |
| RO | ROSCI0132 | Oltul Mijlociu - Cibin - Hârtibaciu | H | 28.26 |
| RO | ROSCI0135 | Padurea Bârnova - Repedea | H | 122.16 |
| RO | ROSCI0137 | Padurea Bogatii | H | 63.52 |
| RO | ROSCI0138 | Padurea Bolintin | H | 57.36 |
| RO | ROSCI0140 | Padurea Calugareasca | H | 6.77 |
| RO | ROSCI0149 | Padurea Eseschioi - Lacul Bugeac | H | 29.67 |
| RO | ROSCI0152 | Padurea Floreanu - Frumusica - Ciurea | H | 189.78 |
| RO | ROSCI0154 | Padurea Glodeni | H | 10.42 |
| RO | ROSCI0155 | Padurea Goroniste | H | 9.52 |
| RO | ROSCI0156 | Muntii Gosman | H | 171.56 |
| RO | ROSCI0157 | Padurea Hagieni - Cotul Vaii | H | 36.2 |
| RO | ROSCI0158 | Padurea Balteni - Hârboanca | H | 5.26 |
| RO | ROSCI0162 | Lunca Siretului Inferior | H | 250.81 |
| RO | ROSCI0166 | Padurea Resca Hotarani | H | 16.3 |
| RO | ROSCI0168 | Padurea Sarului | H | 67.93 |
| RO | ROSCI0172 | Padurea si Valea Canaraua Fetii - Iortmac | H | 136.32 |
| RO | ROSCI0173 | Padurea Stârmina | H | 27.69 |
| RO | ROSCI0177 | Padurea Topana | H | 8.91 |
| RO | ROSCI0187 | Pajistile lui Suciu | H | 160.05 |
| RO | ROSCI0188 | Parâng | H | 304.34 |
| RO | ROSCI0190 | Penteleu | H | 112.68 |
| RO | ROSCI0194 | Piatra Craiului | H | 158.67 |
| RO | ROSCI0195 | Piatra Mare | H | 42.74 |
| RO | ROSCI0198 | Platoul Mehedinti | H | 535.94 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| RO | ROSCI0200 | Platoul Vascau | H | 49.83 |
| RO | ROSCI0201 | Podisul Nord Dobrogean | H | 847.99 |
| RO | ROSCI0202 | Silvostepa Olteniei | H | 92.97 |
| RO | ROSCI0206 | Portile de Fier | H | 1255.46 |
| RO | ROSCI0207 | Postavarul | H | 13.03 |
| RO | ROSCI0208 | Putna - Vrancea | H | 381.82 |
| RO | ROSCI0211 | Podisul Secaselor | H | 70.14 |
| RO | ROSCI0212 | Rarau - Giumalau | H | 25.47 |
| RO | ROSCI0213 | Râul Prut | H | 80.7 |
| RO | ROSCI0214 | Râul Tur | H | 205.15 |
| RO | ROSCI0217 | Retezat | H | 435.61 |
| RO | ROSCI0218 | Dealul Mocrei - Rovina - Ineu | H | 37.3 |
| RO | ROSCI0219 | Rusca Montana | H | 127.58 |
| RO | ROSCI0220 | Sacueni | H | 7.33 |
| RO | ROSCI0222 | Saraturile Jijia Inferioara - Prut | H | 106.13 |
| RO | ROSCI0224 | Scrovistea | H | 33.91 |
| RO | ROSCI0225 | Seaca - Optasani | H | 21.1 |
| RO | ROSCI0226 | Semenic - Cheile Carasului | H | 375.54 |
| RO | ROSCI0227 | Sighisoara - Târnava Mare | H | 858.15 |
| RO | ROSCI0229 | Siriu | H | 62.3 |
| RO | ROSCI0230 | Slanic | H | 14.08 |
| RO | ROSCI0231 | Nadab - Socodor - Varsad | H | 66.61 |
| RO | ROSCI0233 | Somesul Rece | H | 85.29 |
| RO | ROSCI0236 | Strei - Hateg | H | 249.68 |
| RO | ROSCI0238 | Suatu -Cojocna - Crairât | H | 41.46 |
| RO | ROSCI0239 | Târnovu Mare - Latorita | H | 13.66 |
| RO | ROSCI0240 | Tasad | H | 15.57 |
| RO | ROSCI0241 | Tinovul Apa Lina - Honcsok | H | 79.06 |
| RO | ROSCI0247 | Tinovul Mare Poiana Stampei | H | 6.93 |
| RO | ROSCI0250 | Tinutul Padurenilor | H | 72 |
| RO | ROSCI0251 | Tisa Superioara | H | 63.1 |
| RO | ROSCI0252 | Toplita - Scaunul Rotund Borsec | H | 54.66 |
| RO | ROSCI0253 | Trascau | H | 500.64 |
| RO | ROSCI0259 | Valea Calmatuiului | H | 179.23 |
| RO | ROSCI0260 | Valea Cepelor | H | 7.96 |
| RO | ROSCI0262 | Valea Iadei | H | 29.46 |
| RO | ROSCI0263 | Valea Ierii | H | 63.02 |
| RO | ROSCI0264 | Valea Izei si Dealul Solovan | H | 468.73 |
| RO | ROSCI0265 | Valea lui David | H | 14.35 |
| RO | ROSCI0266 | Valea Oltetului | H | 15.37 |
| RO | ROSCI0267 | Valea Rosie | H | 8.19 |
| RO | ROSCI0268 | Valea Vâlsanului | H | 94.8 |
| RO | ROSCI0269 | Vama Veche - 2 Mai | H | 15.35 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| RO | ROSCI0270 | Vânatori - Neamt | H | 302.02 |
| RO | ROSCI0273 | Zona marina de la Capul Tuzla | H | 9.83 |
| RO | ROSCI0277 | Becicherecu Mic | H | 20.67 |
| RO | ROSCI0278 | Bordusani - Borcea | H | 58.1 |
| RO | ROSCI0281 | Cap Aurora | H | 22.82 |
| RO | ROSCI0283 | Cheile Doftanei | H | 26.13 |
| RO | ROSCI0286 | Colinele Elanului | H | 7.55 |
| RO | ROSCI0289 | Coridorul Drocea - Codru Moma | H | 32.29 |
| RO | ROSCI0290 | Coridorul Ialomitei | H | 267.27 |
| RO | ROSCI0291 | Coridorul Muntii Bihorului - Codru Moma | H | 75.92 |
| RO | ROSCI0292 | Coridorul Rusca Montana - Tarcu - Retezat | H | 244.42 |
| RO | ROSCI0293 | Costinesti - 23 August | H | 10.09 |
| RO | ROSCI0294 | Crisul Alb între Gurahont si Ineu | H | 12.28 |
| RO | ROSCI0296 | Dealurile Dragasaniului | H | 76.26 |
| RO | ROSCI0297 | Dealurile Târnavei Mici - Biches | H | 370.82 |
| RO | ROSCI0298 | Defileul Crisului Alb | H | 165.58 |
| RO | ROSCI0299 | Dunarea la Gârla Mare – Maglavit | H | 94.95 |
| RO | ROSCI0303 | Hârtibaciu Sud - Est | H | 259.03 |
| RO | ROSCI0304 | Hârtibaciu Sud - Vest | H | 227.26 |
| RO | ROSCI0305 | Ianca - Plopu - Sarat - Comaneasca | H | 32.22 |
| RO | ROSCI0306 | Jiana | H | 134.16 |
| RO | ROSCI0308 | Lacul si Padurea Cernica | H | 32.67 |
| RO | ROSCI0309 | Lacurile din jurul Mascurei | H | 11.6 |
| RO | ROSCI0310 | Lacurile Falticeni | H | 8.95 |
| RO | ROSCI0314 | Lozna | H | 102.49 |
| RO | ROSCI0315 | Lunca Chineja | H | 9.45 |
| RO | ROSCI0318 | Magura Târgu Ocna | H | 8.44 |
| RO | ROSCI0319 | Mlastina de la Fetesti | H | 20.2 |
| RO | ROSCI0320 | Mociar | H | 40.17 |
| RO | ROSCI0322 | Muntele Ses | H | 348.81 |
| RO | ROSCI0323 | Muntii Ciucului | H | 596.41 |
| RO | ROSCI0324 | Muntii Bihor | H | 208.85 |
| RO | ROSCI0325 | Muntii Metaliferi | H | 143.03 |
| RO | ROSCI0326 | Muscelele Argesului | H | 100.15 |
| RO | ROSCI0327 | Nemira - Lapos | H | 98.65 |
| RO | ROSCI0328 | Obcinele Bucovinei | H | 322.46 |
| RO | ROSCI0329 | Oltul Superior | H | 15.08 |
| RO | ROSCI0333 | Pajistile Sarmasel - Milas - Urmenis | H | 11.36 |
| RO | ROSCI0334 | Padurea Buciumeni - Homocea | H | 49.93 |
| RO | ROSCI0335 | Padurea Dobrina - Husi | H | 85.18 |
| RO | ROSCI0337 | Padurea Neudorfului | H | 45.02 |
| RO | ROSCI0339 | Padurea Povernii - Valea Cernita | H | 8.7 |
| RO | ROSCI0341 | Padurea si Lacul Stolnici | H | 15.26 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| RO | ROSCI0342 | Padurea Târgu Mures | H | 5.74 |
| RO | ROSCI0343 | Padurile din Silvostepa Mostistei | H | 21.2 |
| RO | ROSCI0344 | Padurile din Sudul Piemontului Cândesti | H | 43.13 |
| RO | ROSCI0345 | Pajistea Cenad | H | 60.31 |
| RO | ROSCI0350 | Lunca Teuzului | H | 52.39 |
| RO | ROSCI0352 | Persani | H | 22.61 |
| RO | ROSCI0354 | Platforma Cotmeana | H | 125.28 |
| RO | ROSCI0355 | Podisul Lipovei - Poiana Rusca | H | 357.1 |
| RO | ROSCI0357 | Porumbeni | H | 70.52 |
| RO | ROSCI0359 | Prigoria - Bengesti | H | 24.89 |
| RO | ROSCI0360 | Râul Bârlad între Zorleni si Gura Gârbovatului | H | 25.69 |
| RO | ROSCI0361 | Râul Caras | H | 5.88 |
| RO | ROSCI0362 | Râul Gilort | H | 8.73 |
| RO | ROSCI0363 | Râul Moldova între Oniceni si Mitesti | H | 32.15 |
| RO | ROSCI0364 | Râul Moldova între Tupilati si Roman | H | 47.21 |
| RO | ROSCI0365 | Râul Moldova între Paltinoasa si  Rusi | H | 53.03 |
| RO | ROSCI0366 | Râul Motru | H | 19.21 |
| RO | ROSCI0367 | Râul Mures între Moresti si Ogra | H | 5.27 |
| RO | ROSCI0370 | Râul Mures  între Lipova si Paulis | H | 6.19 |
| RO | ROSCI0373 | Râul Mures între Branisca si Ilia | H | 18.84 |
| RO | ROSCI0374 | Râul Negru | H | 10.01 |
| RO | ROSCI0376 | Râul Olt între Maruntei si Turnu Magurele | H | 121.46 |
| RO | ROSCI0377 | Râul Putna | H | 6.55 |
| RO | ROSCI0378 | Râul Siret între Pascani si Roman | H | 37.11 |
| RO | ROSCI0379 | Râul Suceava | H | 8.81 |
| RO | ROSCI0380 | Râul Suceava Liteni | H | 12.54 |
| RO | ROSCI0381 | Râul Târgului - Argesel - Râusor | H | 132.13 |
| RO | ROSCI0382 | Râul Târnava Mare  între Copsa Mica si Mihalt | H | 9.3 |
| RO | ROSCI0385 | Râul Timis între Rusca si Prisaca | H | 14.41 |
| RO | ROSCI0386 | Râul Vedea | H | 90.77 |
| RO | ROSCI0387 | Salonta | H | 35.86 |
| RO | ROSCI0389 | Saraturile de la Gura Ialomitei - Mihai Bravu | H | 34.49 |
| RO | ROSCI0390 | Saraturile Dinias | H | 10.12 |
| RO | ROSCI0391 | Siretul Mijlociu - Bucecea | H | 5.7 |
| RO | ROSCI0393 | Somesul Mare | H | 5.57 |
| RO | ROSCI0395 | Soveja | H | 45.65 |
| RO | ROSCI0400 | Sieu - Budac | H | 8.88 |
| RO | ROSCI0403 | Vânju Mare | H | 21.88 |
| RO | ROSCI0406 | Zarandul de Est | H | 203.15 |
| RO | ROSCI0407 | Zarandul de Vest | H | 88.88 |
| RO | ROSPA0001 | Aliman - Adamclisi | B | 194.68 |
| RO | ROSPA0002 | Allah Bair - Capidava | B | 116.45 |
| RO | ROSPA0003 | Avrig - Scorei - Fagaras | B | 30.23 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| RO | ROSPA0004 | Balta Alba - Amara - Jirlau | B | 20.23 |
| RO | ROSPA0005 | Balta Mica a Brailei | B | 258.56 |
| RO | ROSPA0006 | Balta Tataru | B | 99.81 |
| RO | ROSPA0007 | Balta Vederoasa | B | 21.44 |
| RO | ROSPA0008 | Baneasa - Canaraua Fetei | B | 61 |
| RO | ROSPA0009 | Bestepe - Mahmudia | B | 36.63 |
| RO | ROSPA0010 | Bistret | B | 19.16 |
| RO | ROSPA0011 | Blahnita | B | 440 |
| RO | ROSPA0012 | Bratul Borcea | B | 130.97 |
| RO | ROSPA0013 | Calafat - Ciuperceni - Dunare | B | 293.68 |
| RO | ROSPA0014 | Câmpia Cermeiului | B | 244.24 |
| RO | ROSPA0015 | Câmpia Crisului Alb si Crisului Negru | B | 395.02 |
| RO | ROSPA0016 | Câmpia Nirului - Valea Ierului | B | 385.4 |
| RO | ROSPA0017 | Canaralele de la Hârsova | B | 74.06 |
| RO | ROSPA0018 | Cheile Bicazului - Hasmas | B | 79.61 |
| RO | ROSPA0019 | Cheile Dobrogei | B | 109.33 |
| RO | ROSPA0020 | Cheile Nerei-Beusnita | B | 404.22 |
| RO | ROSPA0021 | Ciocanesti - Dunare | B | 8.68 |
| RO | ROSPA0022 | Comana | B | 249.56 |
| RO | ROSPA0023 | Confluenta Jiu - Dunare | B | 197.67 |
| RO | ROSPA0024 | Confluenta Olt - Dunare | B | 210.56 |
| RO | ROSPA0025 | Cozia - Buila - Vânturarita | B | 217.69 |
| RO | ROSPA0026 | Cursul Dunarii - Bazias - Portile de Fier | B | 99.1 |
| RO | ROSPA0027 | Dealurile Homoroadelor | B | 370.93 |
| RO | ROSPA0028 | Dealurile Târnavelor si Valea Nirajului | B | 860.73 |
| RO | ROSPA0029 | Defileul Muresului Inferior - Dealurile Lipovei | B | 556.6 |
| RO | ROSPA0030 | Defileul Muresului Superior | B | 95.14 |
| RO | ROSPA0031 | Delta Dunarii si Complexul Razim - Sinoie | B | 5086.88 |
| RO | ROSPA0032 | Deniz Tepe | B | 19 |
| RO | ROSPA0033 | Depresiunea si Muntii Giurgeului | B | 878.92 |
| RO | ROSPA0034 | Depresiunea si Muntii Ciucului | B | 517.44 |
| RO | ROSPA0035 | Domogled-Valea Cernei | B | 665.08 |
| RO | ROSPA0036 | Dumbraveni | B | 20.56 |
| RO | ROSPA0037 | Dumbravita - Rotbav - Magura Codlei | B | 45.36 |
| RO | ROSPA0038 | Dunare - Oltenita | B | 60.25 |
| RO | ROSPA0039 | Dunare - Ostroave | B | 162.24 |
| RO | ROSPA0040 | Dunarea Veche - Bratul Macin | B | 187.59 |
| RO | ROSPA0042 | Elesteele Jijiei si Miletinului | B | 189.9 |
| RO | ROSPA0043 | Frumoasa | B | 1309.67 |
| RO | ROSPA0044 | Gradistea - Caldarusani - Dridu | B | 64.42 |
| RO | ROSPA0045 | Gradistea Muncelului - Cioclovina | B | 380.6 |
| RO | ROSPA0046 | Gruia - Gârla Mare | B | 27.56 |
| RO | ROSPA0047 | Hunedoara Timisana | B | 15.37 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| RO | ROSPA0048 | Ianca - Plopu - Sarat | B | 19.82 |
| RO | ROSPA0049 | Iazurile de pe valea Ibanesei - Baseului - Podrigai | B | 27.05 |
| RO | ROSPA0050 | Iazurile Mihesu de Câmpie - Taureni | B | 12.09 |
| RO | ROSPA0051 | Iezer Calarasi | B | 50.01 |
| RO | ROSPA0053 | Lacul Bugeac | B | 13.92 |
| RO | ROSPA0054 | Lacul Dunareni | B | 12.61 |
| RO | ROSPA0055 | Lacul Galatui | B | 8.13 |
| RO | ROSPA0056 | Lacul Oltina | B | 33.03 |
| RO | ROSPA0057 | Lacul Siutghiol | B | 18.49 |
| RO | ROSPA0058 | Lacul Stânca Costesti | B | 18.65 |
| RO | ROSPA0059 | Lacul Strachina | B | 20.14 |
| RO | ROSPA0060 | Lacul Tasaul | B | 27.01 |
| RO | ROSPA0061 | Lacul Techirghiol | B | 29.39 |
| RO | ROSPA0062 | Lacurile de acumulare de pe Arges | B | 22.6 |
| RO | ROSPA0063 | Lacurile de acumulare Buhusi - Bacau - Beres | B | 55.76 |
| RO | ROSPA0064 | Lacurile Falticeni | B | 7.27 |
| RO | ROSPA0065 | Lacurile Fundata -Amara | B | 20.36 |
| RO | ROSPA0066 | Limanu-Herghelia | B | 8.74 |
| RO | ROSPA0067 | Lunca Barcaului | B | 52.91 |
| RO | ROSPA0068 | Lunca Inferioara a Turului | B | 202.35 |
| RO | ROSPA0069 | Lunca Muresului Inferior | B | 174.09 |
| RO | ROSPA0070 | Lunca Prutului-Vladesti-Frumusita | B | 143.91 |
| RO | ROSPA0071 | Lunca Siretului Inferior | B | 364.92 |
| RO | ROSPA0072 | Lunca Siretului Mijlociu | B | 104.55 |
| RO | ROSPA0073 | Macin - Niculitel | B | 673.61 |
| RO | ROSPA0074 | Maglavit | B | 36.47 |
| RO | ROSPA0075 | Magura Odobesti | B | 131.64 |
| RO | ROSPA0076 | Marea Neagra | B | 1488.47 |
| RO | ROSPA0077 | Maxineni | B | 15.04 |
| RO | ROSPA0080 | Muntii Almajului - Locvei | B | 1181.42 |
| RO | ROSPA0081 | Muntii Apuseni - Vladeasa | B | 930.82 |
| RO | ROSPA0082 | Muntii Bodoc Baraolt | B | 565.92 |
| RO | ROSPA0083 | Muntii Rarau - Giumalau | B | 21.57 |
| RO | ROSPA0084 | Muntii Retezat | B | 382.83 |
| RO | ROSPA0085 | Muntii Rodnei | B | 548.32 |
| RO | ROSPA0086 | Muntii Semenic - Cheile Carasului | B | 362.4 |
| RO | ROSPA0087 | Muntii Trascaului | B | 931.89 |
| RO | ROSPA0088 | Muntii Vrancei | B | 381.8 |
| RO | ROSPA0089 | Obcina Feredeului | B | 637.59 |
| RO | ROSPA0090 | Ostrovu Lung - Gostinu | B | 23.72 |
| RO | ROSPA0091 | Padurea Babadag | B | 584.73 |
| RO | ROSPA0092 | Padurea Bârnova | B | 128.87 |
| RO | ROSPA0093 | Padurea Bogata | B | 63.29 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| RO | ROSPA0094 | Padurea Hagieni | B | 13.74 |
| RO | ROSPA0095 | Padurea Macedonia | B | 46.25 |
| RO | ROSPA0096 | Padurea Miclesti | B | 86.31 |
| RO | ROSPA0097 | Pescaria Cefa - Padurea Radvani | B | 121.64 |
| RO | ROSPA0098 | Piemontul Fagaras | B | 712.56 |
| RO | ROSPA0099 | Podisul Hârtibaciu | B | 2375.15 |
| RO | ROSPA0100 | Stepa Casimcea | B | 222.02 |
| RO | ROSPA0101 | Stepa Saraiu - Horea | B | 41.86 |
| RO | ROSPA0102 | Suhaia | B | 44.65 |
| RO | ROSPA0103 | Valea Alceului | B | 36.34 |
| RO | ROSPA0104 | Valea Fizesului - Sic - Lacul Stiucilor | B | 16.27 |
| RO | ROSPA0105 | Valea Mostistea | B | 65.78 |
| RO | ROSPA0106 | Valea Oltului Inferior | B | 527.86 |
| RO | ROSPA0107 | Vânatori - Neamt | B | 308.4 |
| RO | ROSPA0108 | Vedea - Dunare | B | 223.74 |
| RO | ROSPA0109 | Acumularile Belcesti | B | 20.99 |
| RO | ROSPA0110 | Acumularile Rogojesti - Bucecea | B | 21.06 |
| RO | ROSPA0111 | Bertestii de Sus - Gura Ialomitei | B | 68.9 |
| RO | ROSPA0112 | Câmpia Gherghitei | B | 75.88 |
| RO | ROSPA0113 | Cânepisti | B | 62.12 |
| RO | ROSPA0114 | Cursul Mijlociu al Somesului | B | 332.59 |
| RO | ROSPA0115 | Defileul Crisului Repede-Valea Iadului | B | 171.71 |
| RO | ROSPA0116 | Dorohoi-Saua Bucecei | B | 253.3 |
| RO | ROSPA0117 | Drocea - Zarand | B | 406.77 |
| RO | ROSPA0118 | Grindu - Valea Macrisului | B | 32.58 |
| RO | ROSPA0119 | Horga - Zorleni | B | 201.88 |
| RO | ROSPA0120 | Kogalniceanu - Gura Ialomitei | B | 68.94 |
| RO | ROSPA0121 | Lacul Brates | B | 158.01 |
| RO | ROSPA0122 | Lacul si Padurea Cernica | B | 37.44 |
| RO | ROSPA0123 | Lacurile de acumulare de pe Crisul Repede | B | 18.18 |
| RO | ROSPA0124 | Lacurile de pe Valea Ilfovului | B | 5.97 |
| RO | ROSPA0127 | Lunca Bârzavei | B | 23.93 |
| RO | ROSPA0128 | Lunca Timisului | B | 134.04 |
| RO | ROSPA0129 | Masivul Ceahlau | B | 278.37 |
| RO | ROSPA0130 | Mata - Cârja - Radeanu | B | 57.68 |
| RO | ROSPA0131 | Muntii Maramuresului | B | 709.88 |
| RO | ROSPA0132 | Muntii Metaliferi | B | 266.71 |
| RO | ROSPA0133 | Muntii Calimani | B | 290.48 |
| RO | ROSPA0134 | Muntii Gutâi | B | 284.06 |
| RO | ROSPA0136 | Oltenita - Ulmeni | B | 121.69 |
| RO | ROSPA0137 | Padurea Radomir | B | 12.33 |
| RO | ROSPA0138 | Piatra Soimului - Scorteni - Gârleni | B | 374.45 |
| RO | ROSPA0139 | Piemontul Muntilor Metaliferi si Vintului | B | 83.88 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| RO | ROSPA0140 | Scrovistea | B | 33.56 |
| RO | ROSPA0141 | Subcarpatii Vrancei | B | 358.23 |
| RO | ROSPA0142 | Teremia Mare - Tomnatic | B | 66.34 |
| RO | ROSPA0143 | Tisa Superioara | B | 28.39 |
| RO | ROSPA0144 | Uivar-Dinias | B | 100.43 |
| RO | ROSPA0145 | Valea Calmatuiului | B | 205.15 |
| RO | ROSPA0146 | Valea Câlnistei | B | 25.38 |
| RO | ROSPA0148 | Vitanesti-Rasmiresti | B | 11.08 |
| RO | ROSPA0149 | Depresiunea Bozovici | B | 96.59 |
| RO | ROT | Cefa | O | 50.04 |
| RO | ROV.1. | Lunca Muresului | O | 173.55 |
| RO | ROV.2 | Lunca Joasa a Prutului Inferior | O | 72.61 |
| RO | ROV.3. | Comana | O | 249.63 |
| RO | ROV.4. | Geoparcul Dinozaurilor Tara Hategului | O | 1000 |
| RO | ROV.5. | Muntii Maramuresului | O | 1300 |
| RO | ROV.6. | Geoparcul Platoul Mehedinti | O | 1100 |
| RO | ROV.7. | Putna - Vrancea | O | 381.9 |
| RS | RS121 | Fruška gora | O | 261.24 |
| RS | RS155 | Deliblatska peščara | O | 353.61 |
| RS | RS314 | Đerdap | O | 636 |
| RS | RS365 | Sićevačka klisura | O | 77 |
| RS | RS470 | Tara | O | 192 |
| RS | RS471 | Kopaonik | O | 118 |
| RS | RS483 | Subotička peščara | O | 54.05 |
| RS | RS484 | Palić | O | 7.35 |
| RS | RS485 | Gornje Podunavlje | O | 193.55 |
| RS | RS50 | Obedska bara | O | 99.14 |
| RS | RS517 | Klisura reke Gradac | O | 13 |
| RS | RS595 | Uvac | O | 75 |
| RS | RS596 | Klisura reke Trešnjice | O | 6 |
| RS | RS599 | Zasavica | O | 6.21 |
| RS | RS601 | Pašnjaci velike droplje | O | 9.98 |
| RS | RS602 | Karađorđevo | O | 30.45 |
| RS | RS603 | Selevenjske pustare | O | 6.43 |
| RS | RS604 | Stara planina | O | 1143 |
| RS | RS605 | Tikvara | O | 5.31 |
| RS | RS608 | Koviljsko-petrovaradinski rit | O | 58.89 |
| RS | RS612 | Lazarev kanjon | O | 18 |
| RS | RS613 | Ovčarsko-Kablarska klisura | O | 22 |
| RS | RS615 | Golija | O | 752 |
| RS | RS619 | Slano Kopovo | O | 10.07 |
| RS | RS64 | Ludaško jezero | O | 8.6 |
| RS | RS661 | Šargan-Mokra Gora | O | 108 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| RS | RS663 | Jegrička | O | 11.44 |
| RS | RS666 | Vlasina | O | 128.15 |
| RS | RS69 | Carska bara | O | 47.26 |
| SI | SISI3000046 | Bela Krajina | H | 5.18 |
| SI | SISI3000051 | Krakovski gozd | H | 34.19 |
| SI | SISI3000057 | Vrhtrebnje - Sv. Ana | H | 6.96 |
| SI | SISI3000059 | Mirna | H | 5.47 |
| SI | SISI3000062 | Gradac | H | 15.07 |
| SI | SISI3000075 | Lahinja | H | 8.5 |
| SI | SISI3000100 | Gozd Kranj - Škofja Loka | H | 19.44 |
| SI | SISI3000101 | Gozd Olševek - Adergas | H | 8.39 |
| SI | SISI3000126 | Nanoščica | H | 7.71 |
| SI | SISI3000149 | Obrež | H | 7.58 |
| SI | SISI3000166 | Razbor | H | 14.5 |
| SI | SISI3000171 | Radensko polje - Viršnica | H | 5.22 |
| SI | SISI3000172 | Zgornja Drava s pritoki | H | 46.83 |
| SI | SISI3000173 | Bloščica | H | 7.89 |
| SI | SISI3000175 | Kolpa | H | 6.85 |
| SI | SISI3000188 | Ajdovska planota | H | 24.09 |
| SI | SISI3000191 | Ajdovska jama | H | 17.22 |
| SI | SISI3000192 | Radulja s pritoki | H | 13.09 |
| SI | SISI3000194 | Radgonsko - Kapelske Gorice | H | 10.84 |
| SI | SISI3000197 | Slavinski Ravnik | H | 11.86 |
| SI | SISI3000205 | Kandrše - Drtijščica | H | 13.6 |
| SI | SISI3000206 | Lubnik | H | 12.68 |
| SI | SISI3000214 | Ličenca pri Poljčanah | H | 27.28 |
| SI | SISI3000215 | Mura | H | 102.52 |
| SI | SISI3000219 | Grad Brdo - Preddvor | H | 5.82 |
| SI | SISI3000220 | Drava | H | 36.93 |
| SI | SISI3000221 | Goričko | H | 448.24 |
| SI | SISI3000224 | Huda luknja | H | 30.18 |
| SI | SISI3000231 | Javorniki - Snežnik | H | 440.39 |
| SI | SISI3000232 | Notranjski trikotnik | H | 152.32 |
| SI | SISI3000253 | Julijske Alpe | H | 740.86 |
| SI | SISI3000255 | Trnovski gozd - Nanos | H | 532.35 |
| SI | SISI3000256 | Krimsko hribovje - Menišija | H | 203.34 |
| SI | SISI3000257 | Rački ribniki - Požeg | H | 6.13 |
| SI | SISI3000262 | Sava Medvode - Kresnice | H | 11.24 |
| SI | SISI3000263 | Kočevsko | H | 1067.94 |
| SI | SISI3000264 | Kamniško - Savinjske Alpe | H | 145.68 |
| SI | SISI3000267 | Gorjanci - Radoha | H | 117.99 |
| SI | SISI3000268 | Dobrava - Jovsi | H | 28.66 |
| SI | SISI3000270 | Pohorje | H | 275.68 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| SI | SISI3000271 | Ljubljansko barje | H | 129.61 |
| SI | SISI3000273 | Orlica | H | 38.31 |
| SI | SISI3000274 | Bohor | H | 68.32 |
| SI | SISI3000275 | Rašica | H | 22.36 |
| SI | SISI3000278 | Pokljuška barja | H | 8.59 |
| SI | SISI3000285 | Karavanke | H | 230.9 |
| SI | SISI3000288 | Dolsko | H | 8.71 |
| SI | SISI3000297 | Mišja dolina | H | 6.37 |
| SI | SISI3000303 | Sotla s pritoki | H | 5.49 |
| SI | SISI3000306 | Dravinja s pritoki | H | 5.42 |
| SI | SISI3000311 | Vitanje - Oplotnica | H | 13.04 |
| SI | SISI3000313 | Vzhodni Kozjak | H | 16.94 |
| SI | SISI3000335 | Polhograjsko hribovje | H | 29.65 |
| SI | SISI3000337 | Zahodni Kozjak | H | 16.28 |
| SI | SISI3000338 | Krka s pritoki | H | 24.48 |
| SI | SISI3000348 | Bohinjska Bistrica in Jereka | H | 7.27 |
| SI | SISI5000001 | Jelovica | B | 97.67 |
| SI | SISI5000002 | Snežnik - Pivka | B | 549.27 |
| SI | SISI5000005 | Dravinjska dolina | B | 19.11 |
| SI | SISI5000006 | Pohorje | B | 186.87 |
| SI | SISI5000009 | Goričko | B | 402.03 |
| SI | SISI5000010 | Mura | B | 146.51 |
| SI | SISI5000011 | Drava | B | 100.37 |
| SI | SISI5000012 | Krakovski gozd - Šentjernejsko polje | B | 83.47 |
| SI | SISI5000013 | Kočevsko | B | 979.35 |
| SI | SISI5000014 | Ljubljansko barje | B | 123.7 |
| SI | SISI5000015 | Cerkniško jezero | B | 33.51 |
| SI | SISI5000016 | Planinsko polje | B | 10.46 |
| SI | SISI5000017 | Nanoščica | B | 19.27 |
| SI | SISI5000019 | Julijci | B | 886.45 |
| SI | SISI5000021 | Vipavski rob | B | 133.64 |
| SI | SISI5000024 | Grintovci | B | 319.58 |
| SI | SISI5000026 | Posavsko hribovje | B | 35.16 |
| SI | SISI5000027 | Črete | B | 14.45 |
| SI | SISI5000029 | Gluha loza | B | 14.42 |
| SI | SISI5000032 | Dobrava - Jovsi | B | 28.49 |
| SI | SISI5000033 | Kozjansko | B | 80.42 |
| SK | SKCHVU002 | Bukovské vrchy | B | 409.14 |
| SK | SKCHVU003 | Cerová vrchovina a Rimavská kotlina | B | 303.01 |
| SK | SKCHVU005 | Dolné Považ ie | B | 323.6 |
| SK | SKCHVU007 | Dunajské luhy | B | 188.84 |
| SK | SKCHVU008 | Horná Orava | B | 590.94 |
| SK | SKCHVU009 | Košická kotlina | B | 179.65 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| SK | SKCHVU010 | Krážová | B | 12.14 |
| SK | SKCHVU011 | Laborecká vrchovina | B | 1073.39 |
| SK | SKCHVU012 | Lehnice | B | 23.87 |
| SK | SKCHVU013 | Malá Fatra | B | 680.57 |
| SK | SKCHVU014 | Malé Karpaty | B | 524.59 |
| SK | SKCHVU015 | Medzibodrož ie | B | 344.71 |
| SK | SKCHVU016 | Záhorské Pomoravie | B | 323.83 |
| SK | SKCHVU017 | Muránska planina - Stolica | B | 257.87 |
| SK | SKCHVU018 | Nízke Tatry | B | 987.12 |
| SK | SKCHVU019 | Ostrovné lúky | B | 83.35 |
| SK | SKCHVU021 | Poiplie | B | 80.63 |
| SK | SKCHVU022 | Požana | B | 323.16 |
| SK | SKCHVU023 | Úžanská mokraď | B | 212.04 |
| SK | SKCHVU024 | Senianske rybníky | B | 27.17 |
| SK | SKCHVU025 | Slanské vrchy | B | 611.71 |
| SK | SKCHVU027 | Slovenský kras | B | 448.62 |
| SK | SKCHVU028 | Stráž ovské vrchy | B | 597.18 |
| SK | SKCHVU029 | Syšžovské polia | B | 17.76 |
| SK | SKCHVU030 | Tatry | B | 407.17 |
| SK | SKCHVU031 | Tribeč | B | 242.28 |
| SK | SKCHVU033 | Vežká Fatra | B | 567.65 |
| SK | SKCHVU035 | Vihorlatské vrchy | B | 483.89 |
| SK | SKCHVU036 | Volovské vrchy | B | 1245.19 |
| SK | SKCHVU037 | Ondavská rovina | B | 210.02 |
| SK | SKUEV0006 | Rieka Latorica | H | 73.36 |
| SK | SKUEV0036 | Rieka Litava | H | 26.3 |
| SK | SKUEV0043 | Kamenná | H | 8.52 |
| SK | SKUEV0048 | Dukla | H | 66.4 |
| SK | SKUEV0057 | Rašeliniská Oravskej kotliny | H | 8.04 |
| SK | SKUEV0064 | Bratislavské luhy | H | 6.77 |
| SK | SKUEV0089 | Martinský les | H | 6.59 |
| SK | SKUEV0090 | Dunajské luhy | H | 45.46 |
| SK | SKUEV0103 | Čachtické Karpaty | H | 7.08 |
| SK | SKUEV0104 | Homolské Karpaty | H | 51.86 |
| SK | SKUEV0110 | Dubiny pri Levoči | H | 6.02 |
| SK | SKUEV0112 | Slovenský raj | H | 168.41 |
| SK | SKUEV0125 | Gajarské alúvium Moravy | H | 12.13 |
| SK | SKUEV0128 | Rokoš | H | 56.85 |
| SK | SKUEV0130 | Zoborské vrchy | H | 19.05 |
| SK | SKUEV0163 | Rudava | H | 21.44 |
| SK | SKUEV0168 | Horný les | H | 6.42 |
| SK | SKUEV0172 | Bež nisko | H | 8.61 |
| SK | SKUEV0184 | Burda | H | 14.82 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| SK | SKUEV0188 | Pilsko | H | 6.73 |
| SK | SKUEV0192 | Prosečné | H | 23 |
| SK | SKUEV0194 | Hybická tiesňava | H | 5.67 |
| SK | SKUEV0197 | Salatín | H | 33.47 |
| SK | SKUEV0198 | Zvolen | H | 25.93 |
| SK | SKUEV0203 | Stolica | H | 27.94 |
| SK | SKUEV0205 | Hubková | H | 28.51 |
| SK | SKUEV0209 | Morské oko | H | 158.14 |
| SK | SKUEV0210 | Stinská | H | 14.28 |
| SK | SKUEV0211 | Danova | H | 8.39 |
| SK | SKUEV0216 | Sitno | H | 9.29 |
| SK | SKUEV0225 | Muránska planina | H | 202.22 |
| SK | SKUEV0229 | Beskýd | H | 288.29 |
| SK | SKUEV0230 | Ižovnica | H | 7.94 |
| SK | SKUEV0238 | Vežká Fatra | H | 463.64 |
| SK | SKUEV0250 | Krivoš tianka | H | 7.09 |
| SK | SKUEV0251 | Zázrivské lazy | H | 29.44 |
| SK | SKUEV0252 | Malá Fatra | H | 222.52 |
| SK | SKUEV0256 | Stráž ovské vrchy | H | 298.89 |
| SK | SKUEV0258 | Tlstý vrch | H | 12.17 |
| SK | SKUEV0259 | Stará hora | H | 26.33 |
| SK | SKUEV0262 | Čejkovské bralie | H | 16.22 |
| SK | SKUEV0263 | Hodruš ská hornatina | H | 102.67 |
| SK | SKUEV0264 | Klokoč | H | 22.98 |
| SK | SKUEV0265 | Su • | H | 99.77 |
| SK | SKUEV0266 | Skalka | H | 102.99 |
| SK | SKUEV0267 | Biele hory | H | 101.41 |
| SK | SKUEV0269 | Ostrovné lúčky | H | 7.05 |
| SK | SKUEV0273 | Vtáčnik | H | 100.64 |
| SK | SKUEV0274 | Baske | H | 40.33 |
| SK | SKUEV0275 | Kňaž í stôl | H | 42.27 |
| SK | SKUEV0276 | Kuchynská hornatina | H | 32.01 |
| SK | SKUEV0278 | Brezovské Karpaty | H | 26.35 |
| SK | SKUEV0280 | Devínska Kobyla | H | 6.43 |
| SK | SKUEV0282 | Tisovský kras | H | 14.69 |
| SK | SKUEV0287 | Galmus | H | 31.14 |
| SK | SKUEV0288 | Kysucké Beskydy | H | 68.46 |
| SK | SKUEV0295 | Biskupické luhy | H | 9.16 |
| SK | SKUEV0299 | Baranovo | H | 8.61 |
| SK | SKUEV0302 | Ďumbierske Nízke Tatry | H | 440.83 |
| SK | SKUEV0305 | Choč | H | 16.27 |
| SK | SKUEV0306 | Pod Suchým hrádkom | H | 7.59 |
| SK | SKUEV0307 | Tatry | H | 335.73 |

| Country | Area code | Name of Protected Area | Type(s) | Area in km² |
|---|---|---|---|---|
| SK | SKUEV0310 | Krážovohožské Nízke Tatry | H | 305.1 |
| SK | SKUEV0313 | Devínske jazero | H | 13.02 |
| SK | SKUEV0318 | Pod Čelom | H | 6.26 |
| SK | SKUEV0319 | Požana | H | 30.72 |
| SK | SKUEV0322 | Fintické svahy | H | 7.48 |
| SK | SKUEV0326 | Strahužka | H | 11.92 |
| SK | SKUEV0327 | Milič | H | 49.21 |
| SK | SKUEV0328 | Stredné Pohornádie | H | 71.5 |
| SK | SKUEV0331 | Čergovský Minčol | H | 38.02 |
| SK | SKUEV0332 | Čergov | H | 60.03 |
| SK | SKUEV0341 | Dolný vrch | H | 15.28 |
| SK | SKUEV0348 | Dolina Čiernej Moldavy | H | 19.11 |
| SK | SKUEV0353 | Pleš ivská planina | H | 28.53 |
| SK | SKUEV0355 | Fabiánka | H | 6.62 |
| SK | SKUEV0356 | Horný vrch | H | 60.44 |
| SK | SKUEV0357 | Cerová vrchovina - lesné biotopy | H | 25.69 |
| SK | SKUEV0366 | Drienčanský kras | H | 15.9 |
| SK | SKUEV0367 | Holubyho kopanice | H | 38.9 |
| SK | SKUEV0380 | Tematínske vrchy | H | 25.23 |
| SK | SKUEV0387 | Beskyd | H | 52.38 |
| SK | SKUEV0393 | Dunaj | H | 11.95 |
| UA | UA01 | Danube Biosphere reserve | O | 464 |
| UA | UA02 | Izmail Islands | O | 13.66 |
| UA | UA10 | Carpathian biosphere reserve | O | 578.8 |
| UA | UA11 | Kartal lake | O | 15 |
| UA | UA12 | Kugurlui Lake | O | 95 |
| UA | UA20 | Uzhansikj national natural park | O | 392 |
| UA | UA30 | Pritisanskij regional landscape park | O | 220 |
| UA | UA37 | Lung | O | 7.99 |

# Economic Analysis – Synthesis of Questionnaires

icpdr iksd
International Commission for the Protection of the Danube River
Internationale Kommission zum Schutz der Donau

## ANNEX 7

### "The 2013 Update of the Danube Basin Analysis Report"

*For the elaboration of the economic analysis for the 2013 Update of the Danube Basin Analysis Report two questionnaires were developed for the collection of information on economics from the Danube countries. The questionnaires treat inter alia water pricing, cost recovery (CR) and environmental and resource costs (ERC) - topics which are closely interlinked. This synthesis provides an overview on the approaches which are in place in the Danube countries. The collected information is summarised in form of tables as presented below. Data from Serbia does not include data from the Autonomous Provinces Kosovo and Metohija.*

**Table 1: Investment costs for water supply and wastewater, and priorities of investments**

| Country | Demand and Supply Costs[1] [EUR] | Only demand costs [EUR] | Only investment costs (without distinguishing) [EUR] | Priorities/main objectives of investments |
|---|---|---|---|---|
| DE | - | - | Water supply services: 340 million EUR / year<br>Waste water services: 490 million EUR / year<br>Aggregated investment costs: 830 million on average per annum | Good Status of water bodies |
| AT | - | - | 3.2 billion | Good Status |
| CZ | - | 822 million | | Good Status |
| SK | - | - | 2.0 billion**<br>(2010-2015; ca. 60% of costs covered) | UWWT |
| HU | 3.1 billion / 2.3 billion<br>(until 2012) | 2,675.38 million | - | Drinking Water and UWWT derogations |
| SI | - | 1.1 billion<br>(2010-2015) | - | n. a. |
| HR | 1.9 billion / 650 million | - | - | Drinking Water and UWWT |
| BA | - | 653 million | - | Good Status and UWWT |
| ME | n.a. | | | |
| RS | 1.8 billion / 900 million | - | - | UWWT |
| RO | - | - | 9.4 billion | n. a. |
| BG | - | 1.6 billion<br>(2010-2015; wastewater collection and treatment) | - | UWWT |
| MD | - | - | 3.2 billion<br>(over 20 years) | WWT (urban and rural) |
| UA | n.a. | | | |

*timescales: 2009-2015, if not noted otherwise.

**data for the whole country.

[1] According to the questionnaires: demand cost are the "total costs related to implementing the EU Directives"; supply costs are the investment costs that could be realistically covered.

## Table 2: What are water services - what are water uses?

| Country | Only water supply and wastewater | Water supply, wastewater AND others | Included in cost recovery calculations (Y/N) | Other definitions |
|---|---|---|---|---|
| DE | ✓ | | Y | |
| AT | ✓<br>Yes, but all water uses (AT does not define them as water services) in Austria are based on the polluter pays principle (cost recovery principle): water abstraction, impacts on water (pollution), use of hydropower, hydraulic structures e.g. for flood protection | | Y<br>(based on estimation) | |
| CZ | | ✓<br>Rivers and river basin management; surface water abstraction; GW abstraction; discharge of wastewater into surface water; discharge of wastewater into GW; impoundment for the energy production; navigation – only recreation | N<br>(but in the 2nd cycle, several others will be added) | |
| SK | | ✓<br>Use of hydro-energy potential of water-course; abstraction of energy water from watercourse; abstraction of surface water from water-course | Y | Navigation is defined as a "public service - paid by the state" |
| HU | | ✓<br>Agricultural water services: irrigation and water supply for fishpond | Y | ✓<br>(the other different water uses are taken into consideration as "water uses" (according to WFD Article 2 Definition 39)) |
| SI | | ✓<br>17 further services defined | N | |
| HR | ✓ | | | |
| BA | | ✓<br>13 other water services defined | N | |
| ME | n.a. | | | |
| RS | | ✓<br>(irrigation) | Unclear | |

| | | | | |
|---|---|---|---|---|
| RO | | ✓<br>Storage, impoundment, regulation, quantitative and qualitative assessment of water resources, operative hydrological activities, hydrological prognoses, receiving the pollutants in surface water according to legal requirements, flood protection | Y | |
| BG | | | Y<br>but only financial costs considered | ✓<br>Water supply for households; water supply for industry; water supply for agriculture; water supply for services and tourism; collection and treatment of wastewater of households; collection and treatment of wastewater of industry; collection and treatment of wastewater of agriculture; collection and treatment of wastewater of services and tourism |
| MD | ✓ | | Y | |
| UA | n.a. | | | |

## Table 3: Water pricing policies in place, and prices of water services/uses

| Country | Water service | Environmental cost [EUR/m$^3$, EUR/?, not assessed] | Resource cost [EUR/m$^3$, EUR/?, not assessed] | Payment* for environmental cost recovery [EUR/m$^3$, no payment*] | Payment* for resource cost recovery [EUR/m$^3$, no payment*] |
|---|---|---|---|---|---|
| DE | Water supply | ERC are considered in the recovery of the costs of water supply services (EUR/m$^3$); they are not quantified individually | | ERC are considered in the recovery of the costs of water supply services (EUR/m$^3$); they are not quantified individually | |
| DE | Waste water treatment | ERC are considered in the recovery of the costs of waste water services; they are not quantified individually | | ERC are considered in the recovery of the costs of waste water services; they are not quantified individually | |
| AT | Water supply | ERC are internalized in the price for drinking water (EUR/m$^3$), but they are not assessed | | Payments for ERC are internalized in the price for drinking water (EUR/m$^3$), but they are not assessed | |
| | WWT | ERC are internalized in the price for wastewater treatment (EUR/m$^3$), but they are not assessed | | Payments for ERC are internalized in the price for wastewater treatment (EUR/m$^3$), but they are not assessed | |
| CZ | Drinking water supply | ERC costs in the form of charges for groundwater and surface water abstraction is internalized in the price for drinking water (EUR/m3) | | No separate payment exists. ERC recovery costs are internalized. | |
| | Wastewater treatment | ERC are in the form of charges for pollution and volume of discharged wastewater. | | See the answer above. | |
| | Water storage and impoundment for energy production | ERC costs in the form of charges for impoundments are internalized in the price which is agreed between the customer and State Enterprises of River Basin Management(EUR/m$^3$) | | No separate payment exists. ERC recovery costs are internalized. | |
| | Navigation | Not assessed | Not assessed | No payment | No payment |
| SK | Water supply for households, industry and agriculture | Not assessed | Resource cost in the form of charges for groundwater abstraction as well as payments for surface water abstraction is internalized in the price for drinking water (EUR/m$^3$) | No payment | No separate payment, only the internalized one |
| | Collection and treatment of wastewater | Environmental cost in the form of charges for discharge of wastewater is internalized in the price for the collection and treatment of wastewater (EUR/m$^3$) | Not assessed | No separate payment, only the internalized one | No payment |
| | Use of hydro-energy- potential of watercourse | Not assessed | Not assessed | No payment | No payment |

| Country | Water service | Environmental cost [EUR/m$^3$, EUR/?, not assessed] | Resource cost [EUR/m$^3$, EUR/?, not assessed] | Payment* for environmental cost recovery [EUR/m$^3$, no payment*] | Payment* for resource cost recovery [EUR/m$^3$, no payment*] |
|---|---|---|---|---|---|
| | Abstraction of energy water from watercourse | Not assessed | Not assessed | No payment | No payment |
| | Abstraction of surface water from watercourse | Not assessed | Not assessed | No payment | The payment for surface water abstraction is determined in EUR/m$^3$ and is a component of the price for drinking water. This payment is considered as covering a part of resource costs. |
| HU | Wastewater collection and treatment for industry public | EC are internalized in the price for wastewater treatment (EUR/m3) | - | 0,024[1] | - |
| | Direct discharge of industry | EC are internalized in the water load fee (EUR/m3) | - | 0,0016[1] | - |
| | Direct discharge of other sector | EC are internalized in the water load fee (EUR/m3) | - | 0,0181[1] | - |
| | Public water supply for households and others | - | RC are internalized in the price for wastewater treatment (EUR/m$^3$) | - | 0,018[1] |
| | Water supply for industry (own wells) | - | RC are internalized in water resource fee (EUR/m$^3$) | - | 0,055[1] |
| | Water supply for agriculture (livestock) | - | - | - | n. a. |
| | Water supply for agriculture (irrigation, fishponds, rice production) | - | - | - | 0 |
| SI | Wastewater collection and treatment for industry | not assessed (only internalized part assessed) | not assessed (only internalized part assessed) | Environmental tax: 26.4125 EUR/unit load | - |
| | Wastewater collection and treatment for households | not assessed (only internalized part assessed) | not assessed (only internalized part assessed) | Environmental tax: 26.4125 EUR/unit load | - |
| | Water abstraction for drinking | not assessed | not assessed | Water reimbursement fee: 0.0638 EUR/m$^3$ | |

| Country | Water service | Environmental cost [EUR/m$^3$, EUR/?, not assessed] | Resource cost [EUR/m$^3$, EUR/?, not assessed] | Payment* for environmental cost recovery [EUR/m$^3$, no payment*] | Payment* for resource cost recovery [EUR/m$^3$, no payment*] |
|---|---|---|---|---|---|
| | water supply | (only internalized part assessed) | (only internalized part assessed) | | |
| | Water abstraction for drink industry, technological purposes, swimming pools open to public, natural spas | not assessed (only internalized part assessed) | not assessed (only internalized part assessed) | Water reimbursement fee: 0.092 EUR/m$^3$ For drink industry and natural spas: Payment for water rights (details in Slovene RBMP for Danube RBD) | |
| | Water abstraction for snowmaking | not assessed (only internalized part assessed) | not assessed (only internalized part assessed) | Water reimbursement fee: 0.0666 EUR/m$^3$ | |
| | Water abstraction for irrigation in agriculture | not assessed (only internalized part assessed) | not assessed (only internalized part assessed) | Water reimbursement fee: 0.0015 EUR/m$^3$ | |
| | Water abstraction for irrigation of non-agricultural activities | not assessed (only internalized part assessed) | not assessed (only internalized part assessed) | Water reimbursement fee: 0.0919 EUR/m$^3$ | |
| | Water abstraction for technological purposes for cooling thermal and nuclear power plants | not assessed (only internalized part assessed) | not assessed (only internalized part assessed) | Water reimbursement fee: 0.00738 EUR/m$^3$ | |
| | Water abstraction for aquaculture of salmonid fish | not assessed (only internalized part assessed) | not assessed (only internalized part assessed) | Water reimbursement fee: 0.000036 EUR/m3 available water for abstraction from water source | |
| | Water abstraction from public water supply services for drink industry, technological purposes where water is main ingredient, for swimming pools open to public, natural spas or for irrigation. | not assessed (only internalized part assessed) | not assessed (only internalized part assessed) | Water reimbursement fee: 0.1009 EUR/m$^3$ | |
| | Electricity production in hydropower plants below 10 MW | not assessed (only internalized part assessed) | not assessed (only internalized part assessed) | Water reimbursement fee: 0.2361 EUR/MWh potential water energy, available for electricity production according to obtained water right | |
| | Electricity production in hydropower plants from 10 | not assessed (only internalized part assessed) | not assessed (only internalized part assessed) | Water reimbursement fee: 1.8127 EUR/MWh potential water energy, available for electricity production according to obtained water right | |

| Country | Water service | Environmental cost [EUR/m$^3$, EUR/?, not assessed] | Resource cost [EUR/m$^3$, EUR/?, not assessed] | Payment* for environmental cost recovery [EUR/m$^3$, no payment*] | Payment* for resource cost recovery [EUR/m$^3$, no payment*] |
|---|---|---|---|---|---|
| | MW and above | | | Payment for water rights (details in Slovene RBMP for Danube RBD) | |
| | Water used for heat production | not assessed (only internalized part assessed) | not assessed (only internalized part assessed) | Water reimbursement fee: 0.974 EUR/MWh<br>Payment for water rights (details in Slovene RBMP for Danube RBD) | |
| | Water used for water driven mills, saws and other similar devices | not assessed (only internalized part assessed) | not assessed (only internalized part assessed) | Water reimbursement fee: 0.1948 EUR/MWh | |
| | Sediment extraction | not assessed (only internalized part assessed) | not assessed (only internalized part assessed) | Reimbursement fee: 3.1 EUR/m$^3$ of extracted gravel; 13.9 EUR/m$^3$ of extracted sand<br>Payment for water rights (details in Slovene RBMP for Danube RBD) | |
| | Water used for cyprinid fish aquaculture | not assessed (only internalized part assessed) | not assessed (only internalized part assessed) | Water reimbursement fee: 0.000972 EUR/m$^2$ | |
| | Water used for mariculture | not assessed (only internalized part assessed) | not assessed (only internalized part assessed) | Water reimbursement fee: 0.00498 EUR/m$^2$ | |
| | Water used for commercial pond fishing | not assessed (only internalized part assessed) | not assessed (only internalized part assessed) | Water reimbursement fee: 0.0194 EUR/m$^2$ | |
| | The use of water areas for the operation of ports to vessels | not assessed (only internalized part assessed) | not assessed (only internalized part assessed) | Water reimbursement fee: 2.07 EUR/m$^2$ for tourist harbors,<br>0.345 EUR/m2 for local ports, sports ports and other,<br>0.25 EUR/m$^2$ for ports larger than 1,000,000 m$^2$, 0.0128 EUR/m$^2$ for ports larger than 10,000,000 m$^2$, 0.0207 EUR/m$^2$ for ports smaller than 1,000,000 m$^2$, areas of entering and exiting corridors | |
| | The use of water areas for the operation of anchoring vessels | not assessed (only internalized part assessed) | not assessed (only internalized part assessed) | Water reimbursement fee: 2.07 EUR/m$^2$ | |
| | The use of water areas for operation of bathing places | not assessed (only internalized part assessed) | not assessed (only internalized part assessed) | Water reimbursement fee: 0.9597 EUR/m$^2$ | |
| HR | Wastewater service | Water protection fee: 1.35 HRK/m$^3$ or 0.18 EUR/m$^3$ for households (for industry depends on level of pollution); | | 3.0 HRK/m$^3$ or 0.4 EUR/m$^3$<br>For purpose of this questionnaire rough estimation has been made, | |

| Country | Water service | Environmental cost [EUR/m$^3$, EUR/?, not assessed] | Resource cost [EUR/m$^3$, EUR/?, not assessed] | Payment* for environmental cost recovery [EUR/m$^3$, no payment*] | Payment* for resource cost recovery [EUR/m$^3$, no payment*] |
|---|---|---|---|---|---|
| | | Development fee introduced on local level and vary from 0–4.0 HRK/m$^3$ or 0.53 EUR/m$^3$ | | based on Annual Financial Plan of Hrvatske vode (National Agency for water Management) | |
| | Water supply service | Water use fee: 1.35 HRK/m$^3$ or 0.18 EUR/m$^3$ abstracted water; Water use fee for energy (5-7,5% of price of 1kWh for generation of electrical power and 2 HRK/kW/year for plant operation); Development fee - introduced on local level and vary from 0–4.0 HRK/m$^3$ or 0-0.53 HRK/m$^3$ | | 1.7 HRK/m$^3$ or 0.22 EUR/m$^3$ For purpose of this questionnaire rough estimation has been made, based on Annual Financial Plan of Hrvatske vode (National Agency for water Management) | |
| BA | Public water supply | - | - | - | 0.005 Euro/ m$^3$ of abstracted water |
| | Bottling of water & mineral water | - | - | - | 1.00 Euro/ m$^3$ of abstracted water |
| | Water supply to industry and others (abstraction) | - | - | - | 0.01/0.015 Euro/m$^3$ (RS/FBiH) |
| | Irrigation (abstraction) | - | - | - | 0.001 Euro/m$^3$ (RS) |
| | Fish farming (abstract.) | - | - | - | 0.0005 Euro/m$^3$ (RS only) abstr. water |
| | Fish farming (pollution) | - | - | 0.01/0.025 (RS/FBiH) Euro/kg produc. fish | - |
| | Electricity production | - | - | 0.0005 Euro/kWh of produced electricity | - |
| | Wastewater discharge | - | - | 1.00 Euro/PE | - |
| | Pollution caused by vehicles | - | - | 1.00 Euro/PE | - |
| | Pollution caused by use of artificial fertilizer | - | - | 0.0025 Euro/kg prod. / imported fertilizer | - |
| | Pollution caused by use of pesticides | - | - | 0.04 Euro/kg of prod. / imported pesticides | - |
| | Sediment extraction | - | - | 0.75 Euro/m$^3$ of the extracted material | - |
| | Flood protection of land | - | - | 2.50 Euro/ha of protected land | - |

| Country | Water service | Environmental cost [EUR/m³, EUR/?, not assessed] | Resource cost [EUR/m³, EUR/?, not assessed] | Payment* for environmental cost recovery [EUR/m³, no payment*] | Payment* for resource cost recovery [EUR/m³, no payment*] |
|---|---|---|---|---|---|
| | (agriculture, forestry…) | | | | |
| | Flood protection of resid – business-oth. buildings | - | - | 0.05 Euro/m² of the protected building | - |
| | General water charge | - | - | 0.5% of the net salary (FBiH only) | 0.5% of the net salary (FBiH only) |
| ME | n.a. | | | | |
| RS | Fee for water use (public utilities), population | - | - | - | Extracted amount 0.002 |
| | Fee for water use (public utilities), legal entities | - | - | - | Extracted amount 0.004 |
| | Fee for raw water use | - | - | - | 0.003 |
| | Fee for irrigation water use | - | - | - | 0.001 |
| | Fee for water bottling | - | - | - | 0.012 (EUR/l) |
| | Fee for discharged water (public utilities), population | - | - | - | 0.002 |
| | Fee for discharged water (public utilities), legal entities | - | - | - | 0.002 |
| | Electricity production in hydropower plants below 10 MW | - | - | Water reimbursement fee: 0.708 EUR/MWh potential water energy, available for electricity production according to obtained water right | |
| | Electricity production in hydropower plants from 10 MW and above | - | - | Water reimbursement fee: 0.711 EUR/MWh potential water energy, available for electricity production according to obtained water right | |
| | Thermal power plants with recirculating cooling system | - | - | Water reimbursement fee 0.386 EUR/MWh | |
| RO | Water supply | - | 0.12 EUR/cm | - | 0.12 EUR/cm |

| Country | Water service | Environmental cost [EUR/m$^3$, EUR/?, not assessed] | Resource cost [EUR/m$^3$, EUR/?, not assessed] | Payment* for environmental cost recovery [EUR/m$^3$, no payment*] | Payment* for resource cost recovery [EUR/m$^3$, no payment*] |
|---|---|---|---|---|---|
| | Wastewater treatment (* includes sewerage) | 0.3 EUR/cm | - | 0.3 EUR/cm | - |
| BG | n.a. | | | | |
| MD | Water supply for households, industry, agro-industry, hydropower, irrigation, fishery | not assessed | Resource cost is paid in the form of payments for special water use into the state budget and is internalized in the cost of goods and services provided by water users as follows:<br>1) For each 1 (one) m$^3$ of water abstracted from the surface water bodies – 0.02 EUR, including for irrigation<br>2) For 1 (one) m$^3$ of abstracted underground water , including drinking water for bottling for further commercial activity – 1 EUR<br>3) For each 10 (ten) m$^3$ of water used by hydro-power stations – 0.004 EUR | no tax | no tax |
| | Collection and treatment of wastewater | Environmental cost is paid to the state budget in the form of charges for discharge of wastewater, and is internalized in the price for the collection and treatment of wastewater (when wastewater is discharged in allowed limits, it is 0.02 EUR/m$^3$) | not assessed | no tax | no tax |
| UA | n.a. | | | | |

1: Data is from 1st analysis (2005-2006).

### Table 4: Use and calculation of ERC

| Country | ERC estimations available [Y/N/partly] | Clear Methodology for calculating ERC [Y/N/partly] | Clear Methodology for cross subsidies [Y/N/partly] |
|---|---|---|---|
| DE | No | No commonly agreed position on the issue of operationalizing the concept of ERC available across Europe. EU Commission Guidance to be developed. | No |
| AT | N<br>AT is "on the way" to find a method to isolate/separate the ERC in (company) cost accounting systems, to make them visible and do get a better basis for calculations. | Partly<br>(expert judgment involved) | N |
| CZ | Y | Partly<br>The calculation of EC in CZ is based on the costs of renewal and saved costs. It determines the costs that would be necessary for compensation of impacts of water management services on environment, respectively for the compensation of the impacts disturbing the state of surface and GW from the quantitative, qualitative and hydromorphological point of view. | N<br>(Subsidies do not play a role in CZ) |
| SK | N<br>No "full estimations of ERC for single water services"; only the "internalized parts are quantified"[2]. | N<br>(still in development) | Partly<br>(subsidies play little role) |
| HU | Partly<br>ERC are partly quantified, only the internalized parts are quantified. | Partly<br>(Methodology for calculating Water Load Fee seen as ERC method) | N |
| SI | Partly<br>ERC are partly quantified, only the internalized parts are quantified. | N<br>(still in development) | N |
| HR | Partly<br>ERC are partly quantified, only the internalized parts are quantified. | Partly<br>(cost-based approach) | N |

[2] The share of the charges for the discharge of wastewater into the water courses on the total costs of water companies in providing of wastewater services (i.e. wastewater collection and treatment) is ca. 1,36 % (2010) – these charges are considered as environmental costs. Charges for groundwater abstraction and payments for surface water abstraction are considered as a part of the resource costs (which are paid by those who have the permission to use the water source). The share of these charges and payments for the abstraction on the total costs of water companies in providing of water supply service is about 2,97 % (2010). However, the abstraction of water could be also seen as a form of the environmental costs (because an abstraction represents one of the biggest pressures on water body)…The charges for discharge of wastewater do not represent full estimation of environmental costs. These charges are stipulated by the Decree of the Government and represent only a part (approximately 30%) of the real costs necessary for the wastewater treatment in the wastewater treatment plants.

| Country | ERC estimations available [Y/N/partly] | Clear Methodology for calculating ERC [Y/N/partly] | Clear Methodology for cross subsidies [Y/N/partly] |
|---|---|---|---|
| BA | Partly<br>ERC are partly quantified, only the internalized parts are quantified. | Partly<br>(cost-based approach and expert judgment) | N |
| ME | n.a. | | |
| RS | N<br>No "full estimations of ERC for each water service", but parts are included in charges/fees. | Partly<br>(cost-based approach) | N |
| RO | Partly<br>ERC are partly quantified, only the internalized parts are quantified. | Partly<br>(cost-based approach) | N |
| BG | N<br>ERC were not quantified, but methodologies will be developed. | N | N |
| MD | N<br>No estimations of ERC for each water service, but ERC "are internalized". | N | N |
| UA | n.a. | | |

## Table 5: Cost Recovery (CR)

| Country | Prices and costs for water services available[3] [Y/N/partly] | Levels of CR stated [Y/N/partly] | Levels of CR for all defined water services [Y/N] | Clear methodology for calculating CR [Y/N/partly] |
|---|---|---|---|---|
| DE | Y<br>(water supply and waste water services) | Y<br>(water supply and waste water services) | Y | Y |
| AT | Y<br>(total costs and total revenues of water services (water supply and wastewater treatment) are available, as well as bandwidths/ ranges of average water prices | Y<br>(100% for supply and wastewater) | Y | Y<br>(based on expert judgment) |
| CZ | Y<br>(abstraction, water supply and wastewater) | Partly<br>(all O&M costs are fully covered, when including also subsidies on investment we would not reach 100% of cost | N<br>(only water supply services and wastewater treatment) | N |

[3] For exact amounts, see table 3 above.

| Country | Prices and costs for water services available[3] [Y/N/partly] | Levels of CR stated [Y/N/partly] | Levels of CR for all defined water services [Y/N] | Clear methodology for calculating CR [Y/N/partly] |
|---|---|---|---|---|
| | | recovery) | | |
| SK | Y (for all five water services) | Y | Y | N (seems only financial costs are considered) |
| HU | Y (for the 1st econ analysis) / partly (for the 2nd economic analysis) | Y (for the 1st econ analysis for drinking water and waste water) / partly (for the 2nd analysis, which is ongoing) | Partly (analysis is ongoing) | Partly (analysis is ongoing) |
| SI | Y (for several water services) | Partly | N (only for public water supply and for public wastewater collection and treatment services) | Partly (only financial costs and internalized part of environmental and resource costs considered) |
| HR | Partly (water supply for households and industry) | Y | Y | N (stated that only O&M costs were considered) |
| BA | Y (water supply and wastewater, excluding treatment) | Y | Y | Partly (depreciation, water loses, environmental and resource costs are not included) |
| ME | n.a. | | | |
| RS | Partly (water supply for households and industry) | N | N | N |
| RO | Partly (water supply for households and industry) | N | N | N (only O&M costs considered; no figures provided) |
| BG | Y (for all water services) | Y | Y | Partly (only financial costs considered) |
| MD | Y (water supply and wastewater) | N | N | N |
| UA | n.a. | | | |

### Table 6: The links between ERC and payments

| Country | CR through fees/charges/taxes | CR through permits | CR through mitigation/supplementary measures | Clear definition of water services paying for RC and/or EC? |
|---|---|---|---|---|
| DE | ✓ | ✓ | | Concerted definition across Germany; differing definitions available and put into practice across Europe. |
| AT | ✓ | ✓ | Through the Programme of Measures the cost recovery regarding ERC was carried out. | Y (water supply and wastewater) |
| CZ | ✓ | - | - | Unclear |
| SK | ✓ | - | ✓ (a bit unclear) | Y (water supply: RC; wastewater: EC) |
| HU | ✓ | ✓ (at least for abstraction) | - | Y (all water users except irrigation, fishponds and rice production) |
| SI | ✓ | ✓ | ✓ | Y (all water services) |
| HR | ✓ | - | - | Y (water supply and wastewater) |
| BA | ✓ | - | - | Y (see table 3) |
| ME | n.a. | | | |
| RS | ✓ | ✓ | - | - |
| RO | ✓ | - | - | Y (water supply: RC; wastewater: EC) |
| BG | ✓ (not yet in place) | - | - | n. a. |
| MD | ✓ | ✓ | - | Y (water supply: RC; wastewater: EC) |
| UA | n.a. | | | |

# Results of Questionnaires on Water Scarcity and Drought

icpdr iksd
International Commission for the Protection of the Danube River
Internationale Kommission zum Schutz der Donau

## ANNEX 8

### "The 2013 Update of the Danube Basin Analysis Report"

*A questionnaire was developed and information collected from the Danube countries in order to elaborate on the relevance of the issue of Water Scarcity and Drought in the Danube River Basin. The results for the individual questions are summarised below.*

## Question 1: Is water scarcity and/or drought considered a Significant Water Management Issue in your country?

| | DE | AT | CZ | SK | HU | SI | HR | BA | ME | RS | RO | BG | MD | UA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Yes** | | | x | | x | x | | | x | x | | | x | |
| **No** | x | x | | x | | | x | x | | | x | x | | x |

**Comments**

**DE:** WS&D has not been evaluated as a significant water management issue in the first RBM Plan 2009 and in the German part of the Danube River Basin WS&D is not considered as an issue on river basin scale at present. The average yearly rainfall is high (about 900 mm). Public water supply is nearly completely based on groundwater. Agriculture is predominantly rain-fed with only local use of irrigation. The impact of climate change on the water availability is assessed as moderate for the next RBMP periods.

**AT:** Austria is in general abundant of water; only around 3% of available freshwater resources are used. For definition of WS&D please see especially CIS Guidance No. 24, page 93. Drought is a natural phenomenon; it may occur in Austria seasonally (summer) and regional (rather in the East), but is in general not considered as a significant water management issue. However, the drought of 2003 has demonstrated challenges in place. Water scarcity is no issue in Austria.

**CZ:** WS&D may be an upcoming water management and socio-economic issue in the Czech Republic, especially in the part of Danube River Basin.

**SK:** WS&D was not considered as a Significant Water Management Issue in the 1st planning cycle.

**HU:** With regard to water scarcity the Hungarian approach is twofold. First a revision of potential imbalances in the context of water demand and availability of water resources in the water licensing procedure is made, and second, indivisibly with the before mentioned revision, priority is given to the determination and application of ecological flows followed by drinking water.

For handling harmful effects of droughts, the Hungarian approach is firstly water retention as mainly natural solution in potentially not valuable arable/cultivated areas helping soil-water withdrawal and water related ecosystems. Secondly, building of water reservoirs in different scales for promoting agricultural activities. There is no conventional definition for drought due to its complexity. Drought is originating from water scarcity, when water demand is higher than water availability. The impact of drought varies in the context of the sectors concerned. We can speak about meteorological, hydrological, agricultural or socio-economic drought.

**SI:** Water scarcity occurs when demand of water exceeds the available sustainable resources. Drought is temporary decrease in water availability.

**ME:** Two extreme periods occur in Montenegro. First in spring and autumn, when problems occur with flooding. The second extreme is in summer, when water availability reaches a minimum and droughts cause problems with water supply and irrigation. The total hydropower potential of Montenegro is about 9,900 GWh annually. In the period 1999-2008 the deficit was 14,121 GWh. Collected data on water supply show that in Podgorica, capital town of Montenegro, water supply uses about 2,000 lit/s, with a daily injection into the water supply system of about 130,000 $m^3$. Drought problems are visible in the summer period. During this period meteorological, agricultural, and in the last time hydrological droughts occur.

**RO:** According to the conclusions of water balance calculations, established in the frame of Water Demand Research Study performed by National Institute for Hydrology and Water Management, and mentioned in the 1st River basin Management Plan, there is no water deficit on national level estimated till 2020, with exemptions of a few sections in Hydrographic area Prut Barlad. Nevertheless, based on new data in the 2nd River Basin Management Plan the water scarcity and/or drought will be revised from the point of view of a Significant Water Management Issue.

**BG:** Water scarcity and drought was not considered as Significant Water Management Issue in the previous water management cycle. Nevertheless, due to some water scarcity problems and settlements on drinking water supply regime, some measures were planned in the River Basin Management Plan 2010 – 2015 to address this issue.

**MD:** The last drought in 2012 brought an economic loss of around 200 million EUR (state budget is

| | |
|---|---|
| | around 2,5 billion EUR). Water resources are used inter alia for irrigation via the development of an irrigation network in order to mitigate the consequences of droughts.<br><br>**UA:** Drought is not considered as a SWMI for the UA share of the Tisza basin. |

## Question 2: If water scarcity and/or drought is a significant water management issue in your country, what are the major sectors impacted?

| | DE | AT | CZ | SK | HU | SI | HR | BA | ME | RS | RO | BG | MD | UA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Water scarcity* | | | | | | | | | | | | | |
| **Agriculture** | | | x | | x | x | | | x | x | | x | x | |
| **Navigation** | | | | | x | | | | | | | | | |
| **Hydropower** | | | | | | x | | | x | | | | | |
| **Other energy production** | | | x | | | | | | | | | | | |
| **Water supply** | | | x | | | x | | | x | x | | x | | |
| **Biodiversity** | | | | | x | x | | | x | | | | x | |
| **Others** | | | | | | | | | | | | | | |
| | *Drought* | | | | | | | | | | | | | |
| **Agriculture** | | | x | | x | | | | x | x | | x | x | |
| **Navigation** | | | | | | | | | | x | | x | | |
| **Hydropower** | | | | | | | | | x | x | | | | |
| **Other energy production** | | | x | | | | | | | x | | | | |
| **Water supply** | | | x | | | | | | x | x | | x | | |
| **Biodiversity** | | | | | x | | | | x | x | | | x | |
| **Others** | | | | | | | | | x | | | | | |
| **Comments** | **DE:** Navigation on the Danube River and other energy production pertaining to cooling water abstraction can be impacted by occasional droughts.<br><br>**AT:** WS&D is in general not considered as a SWMI. However, occasional droughts, sectors impacted are agriculture, navigation and hydropower.<br><br>**ME:** Regarding public health, the most vulnerable groups are those with respiratory problems, heart disease as well as children who suffer the most effects of forest fires smoke. | | | | | | | | | | | | | |

## Question 3: What are the main reasons for water scarcity and drought in your country?

| Country | Description |
|---|---|
| **DE** | There is no water scarcity to be expected in the foreseeable future. There is a potentially higher chance of droughts in consequence of climate change. |
| **AT** | Drought is a natural phenomenon according to definition (Guidance No. 24) – see also above. Austria has no water scarcity. |
| **CZ** | The main reason is the dependence of the Czech Republic on atmospheric precipitation. Almost all waters are through the significant watercourses drained out of our territory. Long lasting period of atmospheric precipitation deficiency especially during the growing season can cause water scarcity or even drought in some parts of river basins. |
| **SK** | - |
| **HU** | Water scarcity as long term man-made effect is not typical in Hungary. But mainly in vegetation period there are water shortages causing severe damages in crop, vegetable and fruit production. In the last decades droughts have causes increased damages.<br><br>Hungary is situated at the bottom of the Carpathian Basin, which is a closed basin surrounded by mountains. |

| Country | Description |
|---|---|
| | The most drought affected part of the country is the Hungarian Plain, which has moderately warm or hot and dry climate, where extreme weather conditions may occur. The warm climate causes high evaporation what leads to low runoff. Nevertheless, often flood and drought are both affecting the same area within one year, and huge areas are covered by inland access water for long period. |
| **SI** | Natural/meteorological phenomenon. |
| **HR** | The main reason for drought is the lack of precipitation in the summer period. |
| **BA** | - |
| **ME** | Almost about 90% of Montenegro is karstic. Water scarcity can occur due to small precipitation, groundwater runoff without recharge, evapotranspiration (and other hydrological elements) during the drought period. These circumstances have negative impacts on water supply, drinking water, irrigation, energy potential and other sectors which depend on water. |
| **RS** | Generally, the Southern and Eastern parts of Serbia are affected by a decline in precipitation. In the Northern parts overexploitation occurs of deeper aquifers due to water supply. |
| **RO** | The main cause of draught is represented by a deficit of precipitation. This deficit of precipitation is expressed through: duration; distribution and intensity and generates effects on water resources, water demand and water users. |
| **BG** | The main reason for droughts is the weather condition. Main reason for water scarcity may refer to water supply infrastructure (leakages) and the need for further development of the policy on water reuse. |
| **MD** | The main reason for droughts are the weather conditions (less precipitation than annual average), while water scarcity could be caused also by smaller precipitation level or the underdeveloped water supply network (especially in rural areas). |
| **UA** | - |

## Question 4: Has the issue of water scarcity and/or drought been addressed in your country's existing River Basin Management Plan(s), or other water management plans[1]?

| | DE | AT | CZ | SK | HU | SI | HR | BA | ME | RS | RO | BG | MD | UA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Yes** | x | x | x | x | x | x | | | | x | x | x | x | n/a |
| **No** | | | | | | | x | x | x | | | | | |
| **Comments** | **DE:** The potential impact of climate change on water management in the German part of the Danube River Basin has been included in the baseline scenario.<br><br>**AT:** Even if water scarcity is no issue and droughts are no major issue, Austria has addressed them in chapter 9 of the Austrian RBM Plan which focuses on climate change.<br><br>**CZ:** The issue is, in general, addressed in the current RBM Plans. In addition, the Czech Republic has some other studies dealing with the issue, e.g. the Adaptation Strategy to Hydrological Impact of Climate Change. In the RBM Plans currently being developed the issue is addressed adequately.<br><br>**SK:** Partly. The RBM Plan contains a separate chapter on water scarcity and drought, summarizing existing tools for the definition of hydrological drought and water scarcity (hydrological indicators and water management balance) and existing knowledge about trends in occurring low water discharges in some gauging stations. These issues will be dealt with in more detail in the second planning cycle.<br><br>**HU:** The issue is addressed in relation to climate change.<br><br>**HR:** It is planned to incorporate the issues of water scarcity and drought in the next RBM Plan.<br><br>**BA:** The 1st RBM Plan for the Federation BiH is foreseen to be elaborated in 2015.<br><br>**ME:** Montenegro does not has existing plans addressing the issue of water scarcity but is intending to develop a plan on water scarcity for the future period. For droughts plans exist and will be improved in the future period.<br><br>**RS:** The Serbian RBM Plan will be adopted in 2014. | | | | | | | | | | | | | |

[1] Topic report on: Assessment of Water Scarcity and Drought aspects in a selection of European Union River Basin Management Plans. Date: 5 September 2012.

| | |
|---|---|
| | **RO:** The River Basin Management Plan addresses climate issues by describing climate change aspects in Romania. In the frame of the River Basin Development Plan (which deals with quantitative aspects of water management) there is a description of the main aspects related to water management in case of scarcity or/drought, actions, measures and solutions for mitigation the scarcity or drought effects<br><br>**BG**: Partly. The RBM Plan contains some measures to address the issue of water scarcity and/or drought There are also several plans and strategies in Bulgaria to address the climate issues as the National Programme for the necessary measures in terms of the tendency to drought, the National strategy for management and development of the water sector in Bulgaria, Regional Master Plans for water supply and sewerage, analysis and assessment of risk and vulnerability of the economic sectors in Bulgaria from climate change. |

## Question 5: If the issue of water scarcity and/or drought is currently included in your River Basin Management Plan(s), are measures put in place to address them? and if yes, what measures are currently being put/in place or are planned?

| | DE | AT | CZ | SK | HU | SI | HR | BA | ME | RS | RO | BG | MD | UA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Measures to increase efficiency of irrigation** | | | | x | x | x* | | | | x | x | x | x | |
| **Measures for reducing leakage in water distribution networks** | | | | x | x | x* | | | | x | x | x | x | |
| **Wastewater recycling** | | | | | | x* | | | | | x | x | | |
| **Rain water harvesting** | | | | | | x* | | | | | | | | |
| **Drought mapping/fore-casting** | | | | x | x | | | | x | | x | | | |
| **Education of public on water-saving measures (e.g., water efficient appliances)** | | | | x | x | | | | | | x | x | | |
| **Market-based instruments (e.g., user pays principle, block tariffs, penalties for excessive consumption)** | | | | x | x | x | | | | | x | | | |
| **Others** | | | | x | x | | | | | x | x | | | |
| **Comments** | **DE:** There are no measures planned for directly addressing WS&D. Instead a climate check has been performed for the generic list of measures assessing the potential impact of all measures on the resilience of waters regarding the water balance (water quantity) and water quality.<br><br>**AT:** Austria is abundant of water; therefore it is no major water management issue. In the period after 2003 measures were taken to enhance resilience of water supply infrastructure. This is why no measures have been explicitly set in the Austrian RBMP. From the Austrian perspective there is a clear reservation against separate drought management plans at national or basin wide level apart from the RBMP. We are convinced that the challenges in place with regard to water scarcity and droughts in the Danube region should be addressed in a tailor-made way (no one-size fits all approach). In this context we are in favour of devoting a separate chapter of the Danube wide roof RBMP to water scarcity and | | | | | | | | | | | | | |

| | |
|---|---|
| | droughts starting with the article 5 exercise (Danube basin analysis).<br><br>**CZ:** There are no specific measures put in place in the RBM Plans. The issue of water retention in the landscape and rain water management is addressed by so-called "good practices" in the RBM Plans.<br><br>**SK:** Measures in place include the reduction of leakage in water distribution networks and water saving measures like the user pay principle and the installation of water efficient appliances.<br><br>**HU:** Other measures include the coordination/change of land use and cultivation methods considering climate change, measures for water retention, the increase of areas of wetlands and forests, as well as the retention of flood waters in reservoirs.<br><br>**SI:** * Those measures are more of an administrative type. As a part of measures theoretical guidance will be prepared.<br><br>**RS:** Other measures include the avoidance of overexploitation of deeper aquifers. The RBM Plan will be adopted in 2014.<br><br>**RO:** Drought mapping is performed in the frame of some projects. The measures related to water scarcity and drought are addressed in the frame of the River Basin Development Plan. Specific measures are also addressed in the frame of "Restriction Plan and water use in drought periods" (i.e. prioritization the water supply for water users". |

## Question 6: Within the frame of the ICPDR, would you consider additional international exchange on the topic of water scarcity and drought as beneficial?

| | DE | AT* | CZ | SK | HU | SI | HR | BA | ME | RS | RO | BG | MD | UA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Yes** | x | | x | x | x | x | | x | x | x | x | x | x | n/a |
| **No** | | | | | | | x | | | | | | | |
| If yes, which would be the preferred methods for exchange? | | | | | | | | | | | | | | |
| **Exchange of Best Practice Examples** | x | x | x | x | x | x | | x | x | x | x | x | x | |
| **Coordination of Water Scarcity and Drought management at the A level** | | | | x | | | | | | x | | x | | |
| **Others** | | x | | | | | | | | | x** | | | |
| **Comments** | **AT:** *Open for discussion. Austria proposed to devote a separate chapter to water scarcity and drought.<br>**RO:** **Specific project proposal. | | | | | | | | | | | | | |

## Question 7: Do you have additional comments to offer on this topic?

| Country | Comments |
|---|---|
| **AT** | Austria proposes to stay in line with target under Priority Area 5 of the Danube Strategy which asks "*To address the challenges of water scarcity and droughts based on the 2013 update of the Danube Basin Analysis and the ongoing work in the field of climate adaptation, in the Danube River Basin Management Plan to be adopted by 2015".* Thus no separate Water Scarcity and Drought management plans should be elaborated. Instead the River Basin Management Plan should be used as the main tool to address these challenges by devoting a separate chapter in the RBM Plan, starting with the Danube Basin Analysis (Article 5 WFD). As set of basic data, maps showing annual precipitation, precipitation in summer half as well as drought stricken areas of the past (taken e.g. from EEA) may be a good starting point. It is underlined that target oriented solutions where measures are appropriate are clearly supported. |
| **ME** | Models for monitoring and predicting the issue will be most useful for these problems since droughts are in expansion in the last ten years. The impact on water is very large and problems are definitely expected for the future period. The Increase of temperatures and decrease of runoff is expected to have large impacts on the levels of groundwater and surface waters in the future period. |

| Country | Comments |
|---|---|
| **RS** | Serbia indicates to be very interested in this topic and to be very active in the field of research regarding the effects of climate change as well as in activities regarding water scarcity and drought. There are several projects financed by relevant Ministries dealing with climate change and its impact on water and infrastructure, as well as on the environment. In 2008 the South East European Virtual Climate Change Centre has been established in Belgrade within the Republic Hydrometeorological Service of Serbia. Furthermore, in 2013 the UNESCO Cathegory II Centre Water for Sustainable Development and Adaptation to Climate Change (WSDAC) has been established as well in Belgrade. |
| **MD** | GWP CEE has initiated a project on integrated drought management in the CEE region, including Moldova. One of the priorities for Moldova are practices on moisture conservation in soil and mapping of droughts. |