

Reporting on global SDG indicator 6.5.2
TEMPLATE of the second cycle for reporting

Content of the template

The template is divided into four parts:

- Section I - Calculation of SDG indicator 6.5.2
- Section II - Information on each transboundary basin or group of basins
- Section III - General information on transboundary water management at the national level
- Section IV - Final questions

Country name: **Republic of Moldova**

I. Calculation of Sustainable Development Goal indicator 6.5.2

Methodology

1. Using the information gathered in section II, the information gathered in this section allows for the calculation of Sustainable Development Goal global indicator 6.5.2, which is defined as the proportion of transboundary basin area with an operational arrangement for water cooperation.
2. The step-by-step monitoring methodology for indicator 6.5.2, developed by UNECE and UNESCO in the framework of UN-Water, should be referred to for details on the necessary data, the definitions and the calculation.^a
3. The value of the indicator at the national level is derived by adding up the surface area in a country of those transboundary basins (river and lake basins and aquifers) that are covered by an operational arrangement and dividing the area obtained by the aggregate total area in a country of all transboundary basins (both river and lake basins, and aquifers).
4. Transboundary basins are basins of transboundary waters, that is, of any surface waters (notably rivers, lakes) or groundwaters which mark, cross or are located on boundaries between by two or more States. For the purpose of the calculation of this indicator, for a transboundary river or lake, the basin area is determined by the extent of its catchment. For groundwater, the area to be considered is the extent of the aquifer.
5. An “arrangement for water cooperation” is a bilateral or multilateral treaty, convention, agreement or other formal arrangement among riparian countries that provides a framework for cooperation on transboundary water management.
6. For an arrangement to be considered “operational” all the following criteria need to be in place in practice:
 - (a) There is a joint body, joint mechanism or commission (e.g., a river basin organization) for transboundary cooperation (criterion 1);
 - (b) There are regular (at least once per year) formal communications between riparian countries in form of meetings (either at the political or technical level) (criterion 2);
 - (c) Joint objectives, a common strategy, a joint or coordinated management plan, or an action plan have been agreed upon by the riparian countries (criterion 3);
 - (d) There is a regular (at least once per year) exchange of data and information (criterion 4).

Calculation of indicator 6.5.2

7. Please list in the tables below the transboundary basins (rivers and lakes and aquifers) in your country’s territory and provide the following information for each of them:
 - (a) The country/ies with which the basin is shared;
 - (b) The surface area of the basin (the catchment of rivers or lakes and the aquifer in the case of groundwater) within the territory of your country (in square kilometres (km²));

^a Available from the UN-Water website: <https://www.sdg6monitoring.org/indicators/target-65/indicators652/> (updated version “2020”).

(c) Whether a map and/or a geographical information system (GIS) shapefile of the basin has been provided;

(d) Whether there is an arrangement in force for the basin;

(e) The verification of each of the four criteria to assess operationality;

(f) The surface area of the basin within the territory of your country which is covered by a cooperation arrangement that is operational according to the above criteria.

8. In case an operational arrangement is in place only for a sub-basin or a portion of a basin, please list this sub-basin just after the transboundary basin it is part of. In case there is an operational arrangement for the whole basin, do not list sub-basins in the table below.

Table 1
Transboundary river or lake basin (please add rows as needed)

Name of transboundary river or lake basin/sub-basin	It is a basin or a sub-basin? ^b	Countries shared with	Surface area of the basin/ sub-basin (in km ²) within the territory of the country	Map and/or GIS shapefile provided (yes/no)	Covered by an arrangement (entirely, partly, no) (Ref. to questions in sect. II)	Criterion 1 applied (yes/no) (Ref. to questions in sect. II)	Criterion 2 applied (yes/no) (Ref. to questions in sect. II)	Criterion 3 applied (yes/no) (Ref. to questions in sect. II)	Criterion 4 applied (yes/no) (Ref. to questions in sect. II)	Surface area of the basin/ sub-basin (in km ²) covered by an operational arrangement within the territory of the country
Dniester River Basin	Basin	Ukraine	19232,7km ²	Yes	Entirely	Yes	Yes	Yes	Yes	19232,7km ²
Prut River Basin	Basin	Ukraine/ Romania	8143,6 km ²	Yes	Entirely	Yes	Yes	Yes	Yes	8143,6 km ²
Danube River Basin (except Prut)	Basin	Germany, Austria, Czech Republic, Slovakia, Hungary, Slovenia, Croatia, Bosnia and Herzegovina, Serbia, Bulgaria, Romania, Ukraine	4279,3 km ²	Yes	Entirely	Yes	Yes	Yes	Yes	4279,3 km ²
Black Sea River Basins (Cogâlnic, Sărata, Hagiger and Alcalia)	Basins	Ukraine	2190,6 km ²	Yes	Entirely	Yes	Yes	Yes	Yes	2190,6 km ²
(A) Total surface area of transboundary basins/sub-basins of rivers and lakes covered by operational arrangements within the territory of the country (in km²) (do not double count sub-basins)										33846,23 km ²
(B) Total surface area of transboundary basins of rivers and lakes within the territory of the country (in km²) (do not double count sub-basins)			33846,23 km ²							

^b List sub-basins after the basin they belong to.

Table 2

Transboundary aquifers (please add rows as needed)

Name of the transboundary aquifer	Countries shared with	Surface area of the aquifer ^c (in km ²) within the territory of the country	Map and/or GIS shapefile provided (yes/no)	Covered by an aquifer specific arrangement (entirely, partly, no) (Ref. to questions in sect. II)	Covered within an arrangement not specific to the aquifer ^d (entirely, partly, no) (Ref. to questions in sect. II)	Criterion 1 applied (yes/no) (Ref. to questions in sect. II)	Criterion 2 applied (yes/no) (Ref. to questions in sect. II)	Criterion 3 applied (yes/no) (Ref. to questions in sect. II)	Criterion 4 applied (yes/no) (Ref. to questions in sect. II)	Surface area of the aquifer (in km ²) covered by an operational arrangement within the territory of the country
Alluvial deposits of meadows and terraces, A ₁₋₂	Ukraine Romania	6379,3 km ²	No	No	Entirely	Yes	Yes	Yes	Yes	6379,3 km ²
Pontic sands, N _{2p}	Ukraine Romania	3435,8 km ²	No	No	Entirely	Yes	Yes	Yes	Yes	3435,8 km ²
The aquifer of the Upper Sarmatian-Meotian deposits N _{1s3-m}	Ukraine Romania	10200,2 km ²	No	No	Entirely	Yes	Yes	Yes	Yes	10200,2 km ²
The aquifer of the Middle Sarmatian deposits N _{1s2}	Ukraine Romania	8144 km ²	No	No	Entirely	Yes	Yes	Yes	Yes	8144 km ²
Baden-Sarmatian aquifer, N _{1b-s1+2}	Ukraine Romania	30940,8 km ²	No	No	Entirely	Yes	Yes	Yes	Yes	30940,8 km ²
Karst limestones of the Silurian-Cretaceous aquifer, S _{1-K2}	Ukraine Romania	9805 km ²	No	No	Entirely	Yes	Yes	Yes	Yes	9805 km ²
The rocks of Rife-Vendian aquifer, V	Ukraine	1183,7 km ²	No	No	Entirely	Yes	Yes	Yes	Yes	1183,7 km ²

^c For a transboundary aquifer, the extent is derived from the aquifer system delineation which is commonly done relying on information of the subsurface (notably the extent of geological formations). As a general rule, the delineation of aquifer systems is based on the delineation of the extent of the hydraulically connected water-bearing geological formations. Aquifer systems are three-dimensional objects and the aquifer area taken into account is the projection on the land surface of the system. Ideally, when different aquifer systems not hydraulically connected are vertically superposed, the different relevant projected areas are to be considered separately, unless the different aquifer systems are managed conjunctively.

^d In the text of the agreement or arrangement or in the practice.

Indicator value for the country

Surface waters:

Percentage of surface area of transboundary basins of rivers and lakes covered by an operational arrangement:

$$A/B \times 100 = 100$$

Aquifers:

Percentage of surface area of transboundary aquifers covered by an operational arrangement:

$$C/D \times 100 = 100$$

Sustainable Development Goal indicator 6.5.2:

Percentage of surface area of transboundary basins covered by an operational arrangement:

$$((A + C)/(B + D)) \times 100 = 100$$

Spatial information

If a map (or maps) of the transboundary surface water catchments and transboundary aquifers (i.e., “transboundary basins”) is available, please consider attaching them. Ideally, shapefiles of the basin and aquifer delineations that can be viewed in GIS should be sent.

https://www.legis.md/cautare/getResults?doc_id=62680&lang=ru

Additional information

If the respondent has comments that clarify assumptions or interpretations made for the calculation, or the level of certainty of the spatial information, please write them here:

Does your country have transboundary agreements or arrangements for the protection and/or management of transboundary waters (i.e., rivers, lakes or groundwater), whether bilateral or multilateral?

Yes /No

If yes, list the bilateral and multilateral agreements or arrangements (listing for each of the countries concerned):

Danube River Protection Convention (Parliament Decision of Republic of Moldova no. 323-XIV of 17.03.99)

Agreement between Romania and the Republic of Moldova on the cooperation in the field of protection and sustainable use of the Prut and Danube rivers, Chisinau, 2010.

Agreement between the Government of Ukraine and the Government of the Republic of Moldova on the Joint Use and Protection of Transboundary Waters, as of 23 November, 1994.

Treaty between the Government of the Republic of Moldova and the Cabinet of Ministers of Ukraine on cooperation in the field of protection and sustainable development of the Dniester river basin, Rome, 2012, became effective from 28 July 2017.

II. Questions for each transboundary basin, sub-basin, part of a basin, or group of basins (river, lake or aquifer)

Please complete this second section for each transboundary basin (river or lake basin, or aquifer), sub-basin, part of a basin or a group of basins covered by the same agreement or arrangement where conditions are similar.¹ In some instances, you may provide information on both a basin and one or more of its sub-basins or parts thereof, for example, where you have agreements² or arrangements on both the basin and its sub-basin. You may coordinate your responses with other States with which your country shares transboundary waters, or even prepare a joint report. General information on transboundary water management at the national level should be provided in section III and not repeated here.

Please reproduce this whole section with its questions for each transboundary basin, sub-basin, part of a basin or group of basins for which you will provide a reply.

Name of the transboundary basin,-sub-basin, part of a basin or group of basins:

The Dniester river basin

List of the riparian States: **Ukraine**

In the case of an aquifer, what is the nature of the aquifer and its relation with the river or lake basin:

Unconfined aquifer connected to a river or lake

¹ In principle, section II should be submitted for every transboundary basin, river, lake or aquifer, in the country, but States may decide to group basins in which their share is small or leave out basins in which their share is very minor, e.g., below 1 per cent.

² In section II, "agreement" covers all kinds of treaties, conventions and agreements ensuring cooperation in the field of transboundary waters. Section II can also be completed for other types of arrangements, such as memorandums of understanding.

Unconfined aquifer with no or limited relation with surface water

Confined aquifer connected to surface water

Confined aquifer with no or limited relation with surface water

Other

Please describe: [fill in]

Unknown

Percentage of your country's territory within the basin, sub-basin, part of a basin or group of basins: [26,5%]

1. Is there one or more transboundary (bilateral or multilateral) agreement(s) or arrangement(s) on this basin, sub-basin, part of a basin or group of basins?

One or more agreements or arrangements exist and are in force

Agreement or arrangement developed but not in force

Agreement or arrangement developed, but not in force for all riparians

Please insert the name of the agreement(s) or arrangement(s)

Agreement between the Government of Ukraine and the Government of the Republic of Moldova on the Joint Use and Protection of Transboundary Waters, as of 23 November 1994.

Treaty between the Government of the Republic of Moldova and the Cabinet of Ministers of Ukraine on cooperation in the field of protection and sustainable development of the Dniester river basin, Rome, 2012, became effective from 28 July 2017

Agreement or arrangement is under development

No agreement or arrangement

If there is no agreement or arrangement or it is not in force, please explain briefly why not and provide information on any plans to address the situation: [fill in]

If there is no agreement or arrangement and no joint body or mechanism for the transboundary basin, sub-basin, part of a basin or group of basins then jump to question 4; if there is no agreement or arrangement, but a joint body or mechanism then go to question 3.

Questions 2 and 3 to be completed for each bilateral or multilateral agreement or arrangement in force in the transboundary basin, sub-basin, part of a basin or group of basins.

Agreement between the Government of Ukraine and the Government of the Republic of Moldova on the Joint Use and Protection of Transboundary Waters, as of 23 November 1994.

2. (a) Does this agreement or arrangement specify the area subject to cooperation?

Yes /No

If yes, does it cover the entire basin or group of basins and all riparian States?

Yes /No

Additional explanations? [fill in]

Or, if the agreement or arrangement relates to a sub-basin, does it cover the entire sub-basin?

Yes /No

Additional explanations? [fill in]

Which States (including your own) are bound by the agreement or arrangement?
(Please list): Republic of Moldova and Ukraine

(b) If the agreement or arrangement relates to a river or lake basin or sub-basin, does it also cover aquifers?

Yes /No

If yes, please list the aquifers covered by the agreement or arrangement:

Point 1 of the 1994 Agreement mentions all groundwaters, avoiding the designation of anyone aquifer. List of main the transboundary aquifers:

A₁₋₂ - alluvial deposits of meadows and terraces;

N_{2p} - Pontic sands;

N_{1s3-m} - the aquifer of the Upper Sarmatian-Meotian deposits;

N_{1s2} – the aquifer of the Middle Sarmatian deposits;

N_{1b-s1+2} - Baden-Sarmatian aquifer;

S₁-K₂ – karst limestones of the Silurian-Cretaceous aquifer;

V - the rocks of Rife-Vendian aquifer.

(c) What is the sectoral scope of the agreement or arrangement?

All water uses

A single water use or sector

Several water uses or sectors

If one or several water uses or sectors, please list (check as appropriate):

Water uses or sectors

Industry

Agriculture

Transport (e.g., navigation)

Households

Energy: hydropower and other energy types

Fisheries

Tourism

Nature protection

Other (please list): [fill in]

(d) What topics or subjects of cooperation are included in the agreement or arrangement?

Procedural and institutional issues

Dispute and conflict prevention and resolution

Institutional cooperation (joint bodies)

Consultation on planned measures

Mutual assistance

Topics of cooperation

Joint vision and management objectives

Joint significant water management issues

Navigation

Human health

Environmental protection (ecosystem)

Water quality

Water quantity or allocation

Cooperation in addressing floods

Cooperation in addressing droughts

Climate change adaptation

Monitoring and exchange

Joint assessments

Data collection and exchange

Joint monitoring

Maintenance of joint pollution inventories

Elaboration of joint water quality objectives

Common early warning and alarm procedures

Exchange of experience between riparian States

Exchange of information on planned measures

Joint planning and management

Development of joint regulations on specific topics

Development of international or joint river, lake or aquifer basin management or action plans

Management of shared infrastructure

Development of shared infrastructure

Other (*please list*): [fill in]

(e) What are the main difficulties and challenges that your country faces with the agreement or arrangement and its implementation, if any?

Aligning implementation of agreement or arrangement with national laws, policies and programmes

Aligning implementation of agreement or arrangement with regional laws, policies and programmes

Lack of financial resources

Insufficient human capacity

Insufficient technical capacity

Tense diplomatic relations (sometimes)

Non-participation of certain riparian countries in the agreement

No significant difficulties

Other (*please describe*): [fill in]

(f) What are the main achievements in implementing the agreement or arrangement and what were the keys to achieving such success?

Creation of the Institute of the Plenipotentiaries, who meets annually.

Common measures for the protection of fishery resources.

The joint monitoring of water quality is carried out at the border points.

Ecological water release from the Dnestrovsk HPS-2 was set.

(g) Please attach a copy of the agreement or arrangement or provide the web address of the document (*please attach document or insert web address, if applicable*):

[<http://lex.justice.md/index.php?action=view&view=doc&lang=1&id=314241>]

3. Is your country a member of any joint body or mechanism for this agreement or arrangement?

Yes /No

If no, why not? (please explain): [fill in]

Where there is a joint body or mechanism

(a) If there is a joint body or mechanism, which kind of joint body or mechanism (*please tick one*)?

Plenipotentiaries

Bilateral commission

Basin or similar commission

Expert group meeting or meeting of national focal points

Other (*please describe*): [fill in]

(b) Does the joint body or mechanism cover the entire transboundary basin, sub-basin, part of a basin or group of basins?

Yes /No

(c) Which States (including your own) are members of the joint body or mechanism? (*Please list*): [Republic of Moldova and Ukraine]

(d) Are there any riparian States that are not members of the joint body or mechanism? (*please list*): [Poland]

(e) If not all riparian States are members of the joint body or mechanism how does the joint body or mechanism cooperate with them?

No cooperation

They have observer status

Other (*please describe*): [fill in]

(f) Does the joint body or mechanism have any of the following features (*please tick the ones applicable*)?

A secretariat

If the secretariat is a permanent one, is it a joint secretariat or does each country host its own secretariat? (Please describe): [fill in]

A subsidiary body or bodies

Please list (e.g., working groups on specific topics):

[Working groups:

Water resources management in the Prut and Siret river basins;

Water resources management of the Danube River and Danube Reservoirs;

Water monitoring and water resources management in the Black Sea river basin;

Conservation of biological diversity.]

Other features (*please list*): [fill in]

(g) What are the tasks and activities of this joint body or mechanism?³

Identification of pollution sources

Data collection and exchange

Joint monitoring

Maintenance of joint pollution inventories

Setting emission limits

Elaboration of joint water quality objectives

Management and prevention of flood or drought risks

Preparedness for extreme events, e.g., common early warning and alarm procedures

Surveillance and early warning of water related disease

Water allocation and/or flow regulation

Policy development

Control of implementation

Exchange of experience between riparian States

Exchange of information on existing and planned uses of water and related installations

Settling of differences and conflicts

Consultations on planned measures

Exchange of information on best available technology

Participation in transboundary EIA

Development of river, lake or aquifer basin management or

³ This may include tasks according to the agreement or tasks added by the joint body, or its subsidiaries. Both tasks which joint bodies coordinate and tasks which they implement should be included.

- action plans
- Management of shared infrastructure
- Addressing hydromorphological alterations
- Climate change adaptation
- Joint communication strategy
- Basin-wide or joint public participation and consultation of, for example, basin management plans
- Joint resources to support transboundary cooperation
- Capacity-building

Any other tasks (*please list*): [fill in]

(h) What are the main difficulties and challenges that your country faces with the operation of the joint body or mechanism, if any?

- Governance issues

Please describe, if any: [Political instability]

- Unexpected planning delays

Please describe, if any: [political instability and uncontrolled staff turnover lead to some difficulties in planning more activities.]

- Lack of resources

Please describe, if true: [in the Republic of Moldova, this area is unfortunately not a priority, accordingly, not enough sources are provided for the planned actions.]

- Lack of mechanism for implementing measures

Please describe, if true: [fill in]

- Lack of effective measures

Please describe, if true: [fill in]

- Unexpected extreme events

Please describe, if any: [drought, floods]

- Lack of information and reliable forecasts

Please describe, if any: [notwithstanding the fact that articles 3, 4 of the Regulations of ukrainian-moldovan cooperation on water ecological monitoring and water quality control, presuppose an exchange of information in reality this exchange is not well completed.]

Others (*please list and describe, as appropriate*): [fill in]

(i) Does the joint body or mechanism, or its subsidiary bodies meet regularly?

- Yes /No

If yes, how frequently does it meet?

- More than once per year

- Once per year

Less than once per year

(j) What are the main achievements with regards to the joint body or mechanism? [Annual establishment of the spring ecological flow for the reproduction of aquatic organisms.]

(k) Did the joint body or mechanism ever invite a non-riparian coastal State to cooperate?

Yes /No

If yes, please give details. If no, why not, e.g. are the relevant coastal States also riparian States and therefore already members of the joint body or mechanism? [is not be relevant given the limited scope]

Treaty between the Government of the Republic of Moldova and the Cabinet of Ministers of Ukraine on cooperation in the field of protection and sustainable development of the Dniester river basin, Rome, 2012, became effective from 28 July 2017

2. (a) Does this agreement or arrangement specify the area subject to cooperation?

Yes /No

If yes, does it cover the entire basin or group of basins and all riparian States?

Yes /No

Additional explanations? [fill in]

Or, if the agreement or arrangement relates to a sub-basin, does it cover the entire sub-basin?

Yes /No

Additional explanations? [fill in]

Which States (including your own) are bound by the agreement or arrangement? *(Please list):* Republic of Moldova and Ukraine

(b) If the agreement or arrangement relates to a river or lake basin or sub-basin, does it also cover aquifers?

Yes /No

If yes, please list the aquifers covered by the agreement or arrangement:

First article of treaty, mentions all transboundary groundwaters, avoiding the designation of any aquifer. List of the main transboundary aquifers:

IA₁₋₂ - alluvial deposits of meadows and terraces;

N₁S₃-m - the aquifer of the Upper Sarmatian-Meotian deposits;

N₁S₂ – the aquifer of the Middle Sarmatian deposits;

N₁b-S₁₊₂ - Baden-Sarmatian aquifer;

S₁-K₂ – karst limestones of the Silurian-Cretaceous aquifer;

The rocks of Rife-Vendian aquifer

(c) What is the sectoral scope of the agreement or arrangement?

All water uses

A single water use or sector

Several water uses or sectors

If one or several water uses or sectors, please list (check as appropriate):

Water uses or sectors

Industry

Agriculture

Transport (e.g., navigation)

Households

Energy: hydropower and other energy types

Fisheries

Tourism

Nature protection

Other (*please list*): [fill in]

(d) What topics or subjects of cooperation are included in the agreement or arrangement?

Procedural and institutional issues

Dispute and conflict prevention and resolution

Institutional cooperation (joint bodies)

Consultation on planned measures

Mutual assistance

Topics of cooperation

Joint vision and management objectives

Joint significant water management issues

Navigation

Human health

Environmental protection (ecosystem)

Water quality

Water quantity or allocation

Cooperation in addressing floods

Cooperation in addressing droughts

Climate change adaptation

Monitoring and exchange

Joint assessments

Data collection and exchange

Joint monitoring

Maintenance of joint pollution inventories

Elaboration of joint water quality objectives

-
- Common early warning and alarm procedures
 - Exchange of experience between riparian States
 - Exchange of information on planned measures

Joint planning and management

- Development of joint regulations on specific topics
- Development of international or joint river, lake or aquifer basin management or action plans
- Management of shared infrastructure
- Development of shared infrastructure

Other (*please list*): [fill in]

(e) What are the main difficulties and challenges that your country faces with the agreement or arrangement and its implementation, if any?

- Aligning implementation of agreement or arrangement with national laws, policies and programmes
- Aligning implementation of agreement or arrangement with regional laws, policies and programmes
- Lack of financial resources
- Insufficient human capacity
- Insufficient technical capacity
- Tense diplomatic relations
- Non-participation of certain riparian countries in the agreement
- No significant difficulties

Other (*please describe*): [fill in]

(f) What are the main achievements in implementing the agreement or arrangement and what were the keys to achieving such success?

Creation of The Commission on Sustainable Use and Protection of the Dniester River Basin.

The Provision on the cooperation in the field of protection of fish resources and regulation of fishing in the Dniester River was developed (first meeting of Working group on ecosystems and biodiversity 23-24 July 2019, National natural park “Dniester canyon”, Ukraine). Fishing prohibition periods are introduced every year.

The joint monitoring of water quality is carried out at the border points. Ecological water release from the Dnestrovsk HPS-2 was set. All works were done by the relevant authorized representatives, who meet annually, and by the expert working groups.

(g) Please attach a copy of the agreement or arrangement or provide the web address of the document (*please attach document or insert web address, if applicable*):

[http://www.apelemoldovei.gov.md/public/files/ACOR_NISTRU_MD_final-UA_final_1.pdf]

-
3. Is your country a member of any joint body or mechanism for this agreement or arrangement?

Yes /No

If no, why not? (please explain): [fill in]

Where there is a joint body or mechanism

- (a) If there is a joint body or mechanism, which kind of joint body or mechanism (please tick one)?

Plenipotentiaries

Bilateral commission

Basin or similar commission

Expert group meeting or meeting of national focal points

Other (please describe): [fill in]

- (b) Does the joint body or mechanism cover the entire transboundary basin, sub-basin, part of a basin or group of basins?

Yes /No

- (c) Which States (including your own) are members of the joint body or mechanism? (Please list): [Republic of Moldova and Ukraine]

- (d) Are there any riparian States that are not members of the joint body or mechanism? (please list): [Poland with very small share of the basin-Strviash River]

- (e) If not all riparian States are members of the joint body or mechanism how does the joint body or mechanism cooperate with them?

No cooperation

They have observer status

Other (please describe): [the area of the Strviash River river basin on the territory of Poland is very small due to which Poland was not invited to be part of the joint body]

- (f) Does the joint body or mechanism have any of the following features (please tick the ones applicable)?

A secretariat

If the secretariat is a permanent one, is it a joint secretariat or does each country host its own secretariat? (Please describe): [fill in]

A subsidiary body or bodies

Please list (e.g., working groups on specific topics): [Strategic Working Group (core group); Working Group on Ecosystems and Biodiversity; Working Group on Monitoring and Information Exchange; Working Group on River Basin Planning and Management; Working Group on Emergencies.]

Other features (please list): [fill in]

-
- (g) What are the tasks and activities of this joint body or mechanism?⁴
- | | |
|---|-------------------------------------|
| Identification of pollution sources | <input checked="" type="checkbox"/> |
| Data collection and exchange | <input checked="" type="checkbox"/> |
| Joint monitoring | <input checked="" type="checkbox"/> |
| Maintenance of joint pollution inventories | <input type="checkbox"/> |
| Setting emission limits | <input checked="" type="checkbox"/> |
| Elaboration of joint water quality objectives | <input type="checkbox"/> |
| Management and prevention of flood or drought risks | <input checked="" type="checkbox"/> |
| Preparedness for extreme events, e.g., common early warning and alarm procedures | <input type="checkbox"/> |
| Surveillance and early warning of water related disease | <input type="checkbox"/> |
| Water allocation and/or flow regulation | <input checked="" type="checkbox"/> |
| Policy development | <input type="checkbox"/> |
| Control of implementation | <input checked="" type="checkbox"/> |
| Exchange of experience between riparian States | <input checked="" type="checkbox"/> |
| Exchange of information on existing and planned uses of water and related installations | <input checked="" type="checkbox"/> |
| Settling of differences and conflicts | <input checked="" type="checkbox"/> |
| Consultations on planned measures | <input checked="" type="checkbox"/> |
| Exchange of information on best available technology | <input checked="" type="checkbox"/> |
| Participation in transboundary EIA | <input checked="" type="checkbox"/> |
| Development of river, lake or aquifer basin management or action plans | <input checked="" type="checkbox"/> |
| Management of shared infrastructure | <input type="checkbox"/> |
| Addressing hydromorphological alterations | <input checked="" type="checkbox"/> |
| Climate change adaptation | <input checked="" type="checkbox"/> |
| Joint communication strategy | <input type="checkbox"/> |
| Basin-wide or joint public participation and consultation of, for example, basin management plans | <input checked="" type="checkbox"/> |
| Joint resources to support transboundary cooperation | <input checked="" type="checkbox"/> |
| Capacity-building | <input checked="" type="checkbox"/> |
| Any other tasks (<i>please list</i>): [fill in] | |
- (h) What are the main difficulties and challenges that your country faces with the operation of the joint body or mechanism, if any?

⁴ This may include tasks according to the agreement or tasks added by the joint body, or its subsidiaries. Both tasks which joint bodies coordinate and tasks which they implement should be included.

Governance issues

Please describe, if any: [Political instability]

Unexpected planning delays

Please describe, if any: [political instability and uncontrolled staff turnover lead to some difficulties in planning more activities]

Lack of resources

Please describe, if true: [in the Republic of Moldova, this area is unfortunately not a priority, accordingly, not enough sources are provided for the planned actions.]

Lack of mechanism for implementing measures

Please describe, if true: [fill in]

Lack of effective measures

Please describe, if true: [fill in]

Unexpected extreme events

Please describe, if any: [hidrological drought from 2020 on Dniester basin, flood on Dniester River from 2008]

Lack of information and reliable forecasts

Please describe, if any: [fill in]

Others (*please list and describe, as appropriate*): [fill in]

(i) Does the joint body or mechanism, or its subsidiary bodies meet regularly?

Yes /No

If yes, how frequently does it meet?

More than once per year

Once per year

Less than once per year

(j) What are the main achievements with regards to the joint body or mechanism? [annual meeting of the Commission on Sustainable Use and Protection of the Dniester River Basin, regular meetings of the working groups within the commission Annual, the ecological water release from the Dnestrovsk HPS-2 is set]

(k) Did the joint body or mechanism ever invite a non-riparian coastal State to cooperate?

Yes /No

If yes, please give details. If no, why not, e.g. are the relevant coastal States also riparian States and therefore already members of the joint body or mechanism? [Article 14 of treaty, provides cooperation with other states to implement the necessary measures for the protection and conservation of the Black Sea marine environment against pollution, but until now, no any action has been taken in this regard.]

4. Have joint objectives, a common strategy, a joint or coordinated management plan or action plan been agreed for the basin, sub-basin, part of a basin or group of basins?

Yes /No

If yes, please provide further details: [Protocol for and Plan of Actions are signed in every meeting of authorized representatives]

5. How is the transboundary basin,–sub-basin, part of a basins or group of basins protected, including the protection of ecosystems, in the context of sustainable and rational water use?

Regulation of urbanization, deforestation, and sand and gravel extraction.

Environmental flow norms, including consideration of levels and seasonality

Water quality protection, e.g. nitrates, pesticides, faecal coliforms, heavy metals

Water-related species and habitats protection

Other measures (*please describe*): [fill in]

6. (a) Does your country regularly exchange information and data with other riparian States in the basin, sub-basin, part of a basin or group of basins?

Yes /No

(b) If yes, how often:

More than once per year

Once per year

Less than once per year

(c) Please describe how information is exchanged (e.g. in connection with meetings of joint bodies): [at a meeting of working groups, during a meeting of the commission, etc]

(d) If yes, on what subjects are information and data exchanged?

Environmental conditions

Research activities and application of best available techniques

Emission monitoring data

Planned measures taken to prevent, control or reduce transboundary impacts

Point source pollution sources

Diffuse pollution sources

Existing hydromorphological alterations (dams, etc.)

Flows or water levels (including groundwater levels)

Water abstractions

Climatological information

Future planned measures with transboundary impacts, such as infrastructure development

Other subjects (*please list*): [fill in]

Other comments, e.g. spatial coverage of data and information exchange: [fill in]

(e) Is there a shared database or information platform?

Yes /No

(f) Is the database publicly available?

Yes /No

If yes, please provide the web address: [<http://dniester-basin.org>, <https://dniester-commission.com/en/>, <http://nistru.meteo.gov.ua/>]

(g) What are the main difficulties and challenges to data exchange, if applicable?

Frequency of exchanges

Timing of exchanges

Comparability of data and information

Limited spatial coverage

Inadequate resources (technical and/or financial)

Other (please describe): [fill in]

Additional comments: [fill in]

(h) What are the main benefits of data exchange on the basin, sub-basin, part of a basin or group of basins? (please describe):

[The possibility to have a clear picture of water uses index.

Concrete, relevant data about the state of the river that can constitute a solid base for further management of the river basin.

Taking actions on water protection and use.]

7. Do the riparian States carry out joint monitoring in the transboundary basin, sub-basin, part of a basin or group of basins?

Yes /No

(a) If yes, what does the joint monitoring cover?

	Hydrological	Ecological	Chemical
Border surface waters	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Surface waters in the entire basin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surface waters on the main watercourse	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Surface waters in part of the basin please describe [fill in]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transboundary aquifer(s) (connected or unconnected)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aquifer(s) in the territory of one riparian hydraulically connected to a transboundary river or lake	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(b) If joint monitoring is carried out, how is this done?

National monitoring stations connected through a network or common stations

Please describe: [fill in]

Joint and agreed methodologies

Please describe: [fill in]

Joint sampling

Please describe: [Mogilev-Podolsk and Palanca hydrological stations, collecting samples four times a year]

Common monitoring network

Please describe: [fill in]

Common agreed parameters

Please describe: [Regulation on the Ukrainian-Moldovan Cooperation on Water and Environmental Monitoring and Control of Water Quality, (last changes approved on meeting on Costesti, Moldova 15.06.2012)]

(c) Please describe the main achievements regarding joint monitoring, if any: [resumption of joint monitoring after a long interruption, involvement of political forces for resumption of joint monitoring]

(d) Please describe any difficulties experienced with joint monitoring: [lack of funding, lack of staff, lack of equipment]

8. Do the riparian States carry out joint assessment of the transboundary basin, sub-basin, part of a basin or group of basins?

Yes /No

If yes, please provide the date of the last or only assessment, the frequency and scope (e.g., surface waters or groundwaters only, pollution sources, etc.) of the assessment, and assessment methodology applied: [In 2019, for the first time a complex Transboundary Diagnosys Analisis was performed on the main watercourse of the Dniester River, the results of this study will form the basis of more efficient joint monitoring.]

9. Have the riparian States agreed to use joint water quality standards?

Yes /No

If yes, what standards have been applied, e.g. international or regional standards (please specify which), or have national standards of the riparian States been applied? [fill in]

10. What are the measures implemented to prevent or limit the transboundary impact of accidental pollution?

Notification and communication

Coordinated or joint early warning or alarm system for accidental water pollution

Other (*please list*): [fill in]

No measures

If not, why not? What difficulties does your country face in putting in place such measures?: [fill in]

11. What are the measures implemented to prevent or limit the transboundary impact of extreme weather events and climate change?

- Notification and communication
- Coordinated or joint alarm system for floods
- Coordinated or joint alarm system for droughts
- Joint climate change adaptation strategy
- Joint disaster risk reduction strategy
- Other (*please list*): [fill in]
- No measures

If not, why not? What difficulties does your country face in putting in place such measures?: [fill in]

12. Are procedures in place for mutual assistance in case of a critical situation?

Yes /No

If yes, please provide a brief summary: [Article 15 of the Agreement from 2012, is dedicated to the exceptional situations and reaction of the countries in the basin, in the case of these critical situations.]

13. Are the public or relevant stakeholders involved in transboundary water management in the basin, sub-basin, part of a basin or group of basins?

Yes /No

If yes, how? (please tick all applicable)

- Stakeholders have observer status in a joint body or mechanism
- Stakeholders have an advisory role in the joint body
- Stakeholders have a decision-making role in the joint body

If yes, please specify the stakeholders for the joint body or mechanism:
[fill in]

- Intergovernmental organizations
- Private sectors organizations or associations
- Water user groups or associations
- Academic or research institutions
- Other non-governmental organizations
- General public
- Other (please specify): [fill in]
- Availability of information to the public
- Consultation on planned measures or river basin

-
- | | |
|--|-------------------------------------|
| management plans ⁵ | <input checked="" type="checkbox"/> |
| Public involvement | <input checked="" type="checkbox"/> |
| Other (<i>please specify</i>): [fill in] | |

II. Questions for each transboundary basin, sub-basin, part of a basin, or group of basins (river, lake or aquifer)

Please complete this second section for each transboundary basin (river or lake basin, or aquifer), sub-basin, part of a basin or a group of basins covered by the same agreement or arrangement where conditions are similar.⁶ In some instances, you may provide information on both a basin and one or more of its sub-basins or parts thereof, for example, where you have agreements⁷ or arrangements on both the basin and its sub-basin. You may coordinate your responses with other States with which your country shares transboundary waters, or even prepare a joint report. General information on transboundary water management at the national level should be provided in section III and not repeated here.

Please reproduce this whole section with its questions for each transboundary basin, sub-basin, part of a basin or group of basins for which you will provide a reply.

Name of the transboundary basin, sub-basin, part of a basin or group of basins:

The Prut river basin

List of the riparian States: **Ukraine, Romania**

In the case of an aquifer, what is the nature of the aquifer and its relation with the river or lake basin:

- | | |
|---|--------------------------|
| Unconfined aquifer connected to a river or lake | <input type="checkbox"/> |
| Unconfined aquifer with no or limited relation with surface water | <input type="checkbox"/> |
| Confined aquifer connected to surface water | <input type="checkbox"/> |
| Confined aquifer with no or limited relation with surface water | <input type="checkbox"/> |
| Other | <input type="checkbox"/> |
| Please describe: [fill in] | |
| Unknown | <input type="checkbox"/> |

⁵ Or, where applicable, aquifer management plans.

⁶ In principle, section II should be submitted for every transboundary basin, river, lake or aquifer, in the country, but States may decide to group basins in which their share is small or leave out basins in which their share is very minor, e.g., below 1 per cent.

⁷ In section II, "agreement" covers all kinds of treaties, conventions and agreements ensuring cooperation in the field of transboundary waters. Section II can also be completed for other types of arrangements, such as memorandums of understanding.

Percentage of your country's territory within the basin, sub-basin, part of a basin or group of basins: [28%]

1. Is there one or more transboundary (bilateral or multilateral) agreement(s) or arrangement(s) on this basin, sub-basin, part of a basin or group of basins?

One or more agreements or arrangements exist and are in force

Agreement or arrangement developed but not in force

Agreement or arrangement developed, but not in force for all riparians

Please insert the name of the agreement(s) or arrangement(s)

Agreement between the Government of Ukraine and the Government of the Republic of Moldova on the Joint Use and Protection of Transboundary Waters, as of 23 November, 1994⁸.

Agreement between Romania and the Republic of Moldova on the cooperation in the field of protection and sustainable use of the Prut and Danube rivers, Chisinau, 2010.

Agreement or arrangement is under development

No agreement or arrangement

If there is no agreement or arrangement or it is not in force, please explain briefly why not and provide information on any plans to address the situation: [fill in]

If there is no agreement or arrangement and no joint body or mechanism for the transboundary basin, sub-basin, part of a basin or group of basins then jump to question 4; if there is no agreement or arrangement, but a joint body or mechanism then go to question 3.

Questions 2 and 3 to be completed for each bilateral or multilateral agreement or arrangement in force in the transboundary basin, sub-basin, part of a basin or group of basins.

Agreement between the Government of Ukraine and the Government of the Republic of Moldova on the Joint Use and Protection of Transboundary Waters, as of 23 November, 1994.

2. (a) Does this agreement or arrangement specify the area subject to cooperation?

Yes /No

If yes, does it cover the entire basin or group of basins and all riparian States?

Yes /No

Additional explanations? [The Agreement covers only transboundary waters and does not cover the Romanian part of the basin]

Or, if the agreement or arrangement relates to a sub-basin, does it cover the entire sub-basin?

Yes /No

Additional explanations? [fill in]

Which States (including your own) are bound by the agreement or arrangement? *(Please list)*: Republic of Moldova and Ukraine

⁸ Translation reference: <http://gis.nacse.org/tfdd/treaties.php?page=full&origin=river&tn=539>

(b) If the agreement or arrangement relates to a river or lake basin or sub-basin, does it also cover aquifers?

Yes /No

If yes, please list the aquifers covered by the agreement or arrangement:

Point 1 of the 1994 Agreement mentions all groundwaters, avoiding the designation of any aquifer. List of the main transboundary aquifers:

IA₁₋₂ - alluvial deposits of meadows and terraces;

N₁S_{3-m} - the aquifer of the Upper Sarmatian-Meotian deposits;

N₁S₂ – the aquifer of the Middle Sarmatian deposits;

N₁b-S₁₊₂ - Baden-Sarmatian aquifer;

S₁-K₂ – karst limestones of the Silurian-Cretaceous aquifer;

(c) What is the sectoral scope of the agreement or arrangement?

All water uses

A single water use or sector

Several water uses or sectors

If one or several water uses or sectors, please list (check as appropriate):

Water uses or sectors

Industry

Agriculture

Transport (e.g., navigation)

Households

Energy: hydropower and other energy types

Fisheries

Tourism

Nature protection

Other (*please list*): [fill in]

(d) What topics or subjects of cooperation are included in the agreement or arrangement?

Procedural and institutional issues

Dispute and conflict prevention and resolution

Institutional cooperation (joint bodies)

Consultation on planned measures

Mutual assistance

Topics of cooperation

Joint vision and management objectives

Joint significant water management issues

Navigation

Human health

-
- Environmental protection (ecosystem)
 - Water quality
 - Water quantity or allocation
 - Cooperation in addressing floods
 - Cooperation in addressing droughts
 - Climate change adaptation
 - Monitoring and exchange**
 - Joint assessments
 - Data collection and exchange
 - Joint monitoring
 - Maintenance of joint pollution inventories
 - Elaboration of joint water quality objectives
 - Common early warning and alarm procedures
 - Exchange of experience between riparian States
 - Exchange of information on planned measures
 - Joint planning and management**
 - Development of joint regulations on specific topics
 - Development of international or joint river, lake or aquifer basin management or action plans
 - Management of shared infrastructure
 - Development of shared infrastructure
 - Other (*please list*): [fill in]

(e) What are the main difficulties and challenges that your country faces with the agreement or arrangement and its implementation, if any?

- Aligning implementation of agreement or arrangement with national laws, policies and programmes
- Aligning implementation of agreement or arrangement with regional laws, policies and programmes
- Lack of financial resources
- Insufficient human capacity
- Insufficient technical capacity
- Tense diplomatic relations (some times)
- Non-participation of certain riparian countries in the agreement
- No significant difficulties
- Other (*please describe*): [fill in]

(f) What are the main achievements in implementing the agreement or arrangement and what were the keys to achieving such success?

Creation of the Institute of the Plenipotentiaries, who meets annually.

Common measures for the protection of fishery resources.

(g) Please attach a copy of the agreement or arrangement or provide the web address of the document (*please attach document or insert web address, if applicable*):

[<http://lex.justice.md/index.php?action=view&view=doc&lang=1&id=314241>]

3. Is your country a member of any joint body or mechanism for this agreement or arrangement?

Yes /No

If no, why not? (please explain): [fill in]

Where there is a joint body or mechanism

- (a) If there is a joint body or mechanism, which kind of joint body or mechanism (*please tick one*)?

Plenipotentiaries

Bilateral commission

Basin or similar commission

Expert group meeting or meeting of national focal points

Other (*please describe*): [fill in]

- (b) Does the joint body or mechanism cover the entire transboundary basin, sub-basin, part of a basin or group of basins?

Yes /No

- (c) Which States (including your own) are members of the joint body or mechanism? (*Please list*): [Republic of Moldova and Ukraine]

- (d) Are there any riparian States that are not members of the joint body or mechanism? (*please list*): [Romania]

- (e) If not all riparian States are members of the joint body or mechanism how does the joint body or mechanism cooperate with them?

No cooperation

They have observer status

Other (*please describe*): [fill in]

- (f) Does the joint body or mechanism have any of the following features (*please tick the ones applicable*)?

A secretariat

If the secretariat is a permanent one, is it a joint secretariat or does each country host its own secretariat? (Please describe): [fill in]

A subsidiary body or bodies

Please list (e.g., working groups on specific topics): [

Working groups:

Water resources management in the Prut and Siret river basins;

Water resources management of the Danube River and Danube Reservoirs;
Water monitoring and water resources management in the Black Sea river basin;

Conservation of biological diversity]

Other features (*please list*): [fill in]

(g) What are the tasks and activities of this joint body or mechanism?⁹

Identification of pollution sources	<input checked="" type="checkbox"/>
Data collection and exchange	<input checked="" type="checkbox"/>
Joint monitoring	<input checked="" type="checkbox"/>
Maintenance of joint pollution inventories	<input type="checkbox"/>
Setting emission limits	<input type="checkbox"/>
Elaboration of joint water quality objectives	<input type="checkbox"/>
Management and prevention of flood or drought risks	<input checked="" type="checkbox"/>
Preparedness for extreme events, e.g., common early warning and alarm procedures	<input checked="" type="checkbox"/>
Surveillance and early warning of water related disease	<input type="checkbox"/>
Water allocation and/or flow regulation	<input checked="" type="checkbox"/>
Policy development	<input type="checkbox"/>
Control of implementation	<input checked="" type="checkbox"/>
Exchange of experience between riparian States	<input checked="" type="checkbox"/>
Exchange of information on existing and planned uses of water and related installations	<input checked="" type="checkbox"/>
Settling of differences and conflicts	<input checked="" type="checkbox"/>
Consultations on planned measures	<input checked="" type="checkbox"/>
Exchange of information on best available technology	<input checked="" type="checkbox"/>
Participation in transboundary EIA	<input type="checkbox"/>
Development of river, lake or aquifer basin management or action plans	<input type="checkbox"/>
Management of shared infrastructure	<input type="checkbox"/>
Addressing hydromorphological alterations	<input checked="" type="checkbox"/>
Climate change adaptation	<input type="checkbox"/>
Joint communication strategy	<input type="checkbox"/>
Basin-wide or joint public participation and consultation of, for example, basin management plans	<input type="checkbox"/>

⁹ This may include tasks according to the agreement or tasks added by the joint body, or its subsidiaries. Both tasks which joint bodies coordinate and tasks which they implement should be included.

-
- Joint resources to support transboundary cooperation
- Capacity-building
- Any other tasks (*please list*): [fill in]
- (h) What are the main difficulties and challenges that your country faces with the operation of the joint body or mechanism, if any?
- Governance issues
Please describe, if any: [Political instability]
- Unexpected planning delays
Please describe, if any: [political instability and uncontrolled staff turnover lead to some difficulties in planning more activities]
- Lack of resources
Please describe, if true: [in the Republic of Moldova, this area is unfortunately not a priority, accordingly, not enough sources are provided for the planned actions.]
- Lack of mechanism for implementing measures
Please describe, if true: [fill in]
- Lack of effective measures
Please describe, if true: [fill in]
- Unexpected extreme events
Please describe, if any: [hidrological drought from 2020 on Prut basin, flood on Prut River from 2008]
- Lack of information and reliable forecasts
Please describe, if any: [in some cases, information on extreme weather and hydrological phenomena (showers, floods) comes late from Ukraine, which makes it impossible to act promptly on the challenges that arise.]
- Others (*please list and describe, as appropriate*): [fill in]
- (i) Does the joint body or mechanism, or its subsidiary bodies meet regularly?
 Yes /No
- If yes, how frequently does it meet?
- More than once per year
- Once per year
- Less than once per year
- (j) What are the main achievements with regards to the joint body or mechanism? [Annual establishment of the spring ecological flow for the reproduction of aquatic organisms.]
- (k) Did the joint body or mechanism ever invite a non-riparian coastal State to cooperate?
 Yes /No

If yes, please give details. If no, why not, e.g. are the relevant coastal States also riparian States and therefore already members of the joint body or mechanism?
[The Republic of Moldova and Romania have a separate agreement for the Prut river basin.]

Agreement between Romania and the Republic of Moldova on the cooperation in the field of protection and sustainable use of the Prut and Danube rivers, Chisinau, 2010.

2. (a) Does this agreement or arrangement specify the area subject to cooperation?

Yes /No

If yes, does it cover the entire basin or group of basins and all riparian States?

Yes /No

Additional explanations? [The Agreement covers only transboundary waters and does not cover the Ukrainian part of the basin]

Or, if the agreement or arrangement relates to a sub-basin, does it cover the entire sub-basin?

Yes /No

Additional explanations? [fill in]

Which States (including your own) are bound by the agreement or arrangement?
(Please list): Republic of Moldova and Romania

- (b) If the agreement or arrangement relates to a river or lake basin or sub-basin, does it also cover aquifers?

Yes /No

If yes, please list the aquifers covered by the agreement or arrangement:

A₁₋₂ - alluvial deposits of meadows and terraces;
N_{1S3-m} - the aquifer of the Upper Sarmatian-Meotian deposits;
N_{1S2} - the aquifer of the Middle Sarmatian deposits;
N_{1b-S1+2} - Baden-Sarmatian aquifer;
S_{1-K2} - karst limestones of the Silurian-Cretaceous aquifer;

- (c) What is the sectoral scope of the agreement or arrangement?

All water uses

A single water use or sector

Several water uses or sectors

If one or several water uses or sectors, please list (check as appropriate):

Water uses or sectors

Industry

Agriculture

Transport (e.g., navigation)

-
- Households
 - Energy: hydropower and other energy types
 - Fisheries
 - Tourism
 - Nature protection
 - Other (*please list*): [fill in]

(d) What topics or subjects of cooperation are included in the agreement or arrangement?

Procedural and institutional issues

- Dispute and conflict prevention and resolution
- Institutional cooperation (joint bodies)
- Consultation on planned measures
- Mutual assistance

Topics of cooperation

- Joint vision and management objectives
- Joint significant water management issues
- Navigation
- Human health
- Environmental protection (ecosystem)
- Water quality
- Water quantity or allocation
- Cooperation in addressing floods
- Cooperation in addressing droughts
- Climate change adaptation

Monitoring and exchange

- Joint assessments
- Data collection and exchange
- Joint monitoring
- Maintenance of joint pollution inventories
- Elaboration of joint water quality objectives
- Common early warning and alarm procedures
- Exchange of experience between riparian States
- Exchange of information on planned measures

Joint planning and management

- Development of joint regulations on specific topics
- Development of international or joint river, lake or aquifer basin

-
- management or action plans
 - Management of shared infrastructure
 - Development of shared infrastructure
 - Other (*please list*): [fill in]

(e) What are the main difficulties and challenges that your country faces with the agreement or arrangement and its implementation, if any?

- Aligning implementation of agreement or arrangement with national laws, policies and programmes
- Aligning implementation of agreement or arrangement with regional laws, policies and programmes
- Lack of financial resources
- Insufficient human capacity
- Insufficient technical capacity
- Tense diplomatic relations
- Non-participation of certain riparian countries in the agreement
- No significant difficulties
- Other (*please describe*): [fill in]

(f) What are the main achievements in implementing the agreement or arrangement and what were the keys to achieving such success?

Establishment of the Hydro-technical Commission.

Joint management of the Costești-Stânca hydrotechnical complex.

(g) Please attach a copy of the agreement or arrangement or provide the web address of the document (*please attach document or insert web address, if applicable*): [<https://lege5.ro/Gratuit/gezmqzuhe/acordul-intre-guvernul-romaniei-si-guvernul-republicii-moldova-privind-cooperarea-pentru-protectia-si-utilizarea-durabila-a-apelor-prutului-si-dunarii-din-28062010>]

3. Is your country a member of any joint body or mechanism for this agreement or arrangement?

Yes /No

If no, why not? (please explain): [fill in]

Where there is a joint body or mechanism

(a) If there is a joint body or mechanism, which kind of joint body or mechanism (*please tick one*)?

- Plenipotentiaries
- Bilateral commission
- Basin or similar commission
- Expert group meeting or meeting of national focal points
- Other (*please describe*): [fill in]

(b) Does the joint body or mechanism cover the entire transboundary basin, sub-basin, part of a basin or group of basins?

Yes /No

(c) Which States (including your own) are members of the joint body or mechanism? (*Please list*): [Republic of Moldova and Romania]

(d) Are there any riparian States that are not members of the joint body or mechanism? (*please list*): [Ukraine]

(e) If not all riparian States are members of the joint body or mechanism how does the joint body or mechanism cooperate with them?

No cooperation

They have observer status

Other (*please describe*): [fill in]

(f) Does the joint body or mechanism have any of the following features (*please tick the ones applicable*)?

A secretariat

If the secretariat is a permanent one, is it a joint secretariat or does each country host its own secretariat? (Please describe): [fill in]

A subsidiary body or bodies

Please list (e.g., working groups on specific topics): [Hydro-technical Commission; Subcommission for the operation and maintenance of the Costești-Stâncă hydrotechnical complex; Subcommission on defense against floods and frosts; Subcommission on Quantitative Water Management and Hydrometeorology; Subcommission for the protection of water quality and biodiversity of water bodies]

Other features (*please list*): [fill in]

(g) What are the tasks and activities of this joint body or mechanism?¹⁰

Identification of pollution sources

Data collection and exchange

Joint monitoring

Maintenance of joint pollution inventories

Setting emission limits

Elaboration of joint water quality objectives

Management and prevention of flood or drought risks

Preparedness for extreme events, e.g., common early warning and alarm procedures

¹⁰ This may include tasks according to the agreement or tasks added by the joint body, or its subsidiaries. Both tasks which joint bodies coordinate and tasks which they implement should be included.

-
- Surveillance and early warning of water related disease
 - Water allocation and/or flow regulation
 - Policy development
 - Control of implementation
 - Exchange of experience between riparian States
 - Exchange of information on existing and planned uses of water and related installations
 - Settling of differences and conflicts
 - Consultations on planned measures
 - Exchange of information on best available technology
 - Participation in transboundary EIA
 - Development of river, lake or aquifer basin management or action plans
 - Management of shared infrastructure
 - Addressing hydromorphological alterations
 - Climate change adaptation
 - Joint communication strategy
 - Basin-wide or joint public participation and consultation of, for example, basin management plans
 - Joint resources to support transboundary cooperation
 - Capacity-building
 - Any other tasks (*please list*): [fill in]

(h) What are the main difficulties and challenges that your country faces with the operation of the joint body or mechanism, if any?

Governance issues

Please describe, if any: [Political instability]

Unexpected planning delays

Please describe, if any: [political instability and uncontrolled staff turnover lead to some difficulties in planning more activities]

Lack of resources

Please describe, if true: [in the Republic of Moldova, this area is unfortunately not a priority, accordingly, not enough sources are provided for the planned actions.]

Lack of mechanism for implementing measures

Please describe, if true: [fill in]

Lack of effective measures

Please describe, if true: [with regret, in recent years no action has taken place in the Intergovernmental Hydrotechnical Commission. Of all the

subcommissions, currently only the Stînca-Costești Subcommission is active, the rest of the subcommissions do not take any action.]

Unexpected extreme events

Please describe, if any: [hidrological drought from 2020 on Prut basin, flood on Prut River from 2008 and 2020]

Lack of information and reliable forecasts

Please describe, if any: [due to the cessation of the activities of the subcommissions, the exchange of information is insufficient]

Others (*please list and describe, as appropriate*): [fill in]

(i) Does the joint body or mechanism, or its subsidiary bodies meet regularly?

Yes /No

If yes, how frequently does it meet?

More than once per year

Once per year

Less than once per year

(j) What are the main achievements with regards to the joint body or mechanism? [Joint management of the Costești-Stînca hydrotechnical complex.]

(k) Did the joint body or mechanism ever invite a non-riparian coastal State to cooperate?

Yes /No

If yes, please give details. If no, why not, e.g. are the relevant coastal States also riparian States and therefore already members of the joint body or mechanism? [The Republic of Moldova and Ukraine have a separate agreement for the Prut river basin.]

4. Have joint objectives, a common strategy, a joint or coordinated management plan or action plan been agreed for the basin, sub-basin, part of a basin or group of basins?

Yes /No

If yes, please provide further details: [The Plan of Actions on the cooperation in the different fields was approved on the first meeting of the Commission.]

5. How is the transboundary basin,–sub-basin, part of a basins or group of basins protected, including the protection of ecosystems, in the context of sustainable and rational water use?

Regulation of urbanization, deforestation, and sand and gravel extraction.

Environmental flow norms, including consideration of levels and seasonality

Water quality protection, e.g. nitrates, pesticides, faecal coliforms, heavy metals

Water-related species and habitats protection

Other measures (*please describe*): [fill in]

-
6. (a) Does your country regularly exchange information and data with other riparian States in the basin, sub-basin, part of a basin or group of basins?

Yes /No

- (b) If yes, how often:

More than once per year

Once per year

Less than once per year

- (c) Please describe how information is exchanged (e.g. in connection with meetings of joint bodies): [at a meetings of the Hydro-technical Commission, sucommissions, etc]

- (d) If yes, on what subjects are information and data exchanged?

Environmental conditions

Research activities and application of best available techniques

Emission monitoring data

Planned measures taken to prevent, control or reduce transboundary impacts

Point source pollution sources

Diffuse pollution sources

Existing hydromorphological alterations (dams, etc.)

Flows or water levels (including groundwater levels)

Water abstractions

Climatological information

Future planned measures with transboundary impacts, such as infrastructure development

Other subjects (*please list*): [fill in]

Other comments, e.g. spatial coverage of data and information exchange: [fill in]

- (e) Is there a shared database or information platform?

Yes /No

- (f) Is the database publicly available?

Yes /No

If yes, please provide the web address: [fill in]

- (g) What are the main difficulties and challenges to data exchange, if applicable?

Frequency of exchanges

Timing of exchanges

Comparability of data and information

Limited spatial coverage

Inadequate resources (technical and/or financial)

Other (*please describe*): [fill in]

Additional comments: [fill in]

(h) What are the main benefits of data exchange on the basin, sub-basin, part of a basin or group of basins? (*please describe*):

[The possibility to have a clear picture of water uses index.

Concrete, relevant data about the state of the river that can constitute a solid base for further management of the river basin.

Taking actions on water protection and use.]

7. Do the riparian States carry out joint monitoring in the transboundary basin, sub-basin, part of a basin or group of basins?

Yes /No

(a) If yes, what does the joint monitoring cover?

	<i>Hydrological</i>	<i>Ecological</i>	<i>Chemical</i>
Border surface waters	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Surface waters in the entire basin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surface waters on the main watercourse	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Surface waters in part of the basin please describe [fill in]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transboundary aquifer(s) (connected or unconnected)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aquifer(s) in the territory of one riparian hydraulically connected to a transboundary river or lake	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(b) If joint monitoring is carried out, how is this done?

National monitoring stations connected through a network or common stations

Please describe: [common monitoring hydrological stations on the Prut river]

Joint and agreed methodologies

Please describe: [according to the water framework directive]

Joint sampling

Please describe: [Cahul, Ungheni, Costești-Stâncă, Lipcani hydrological stations]

Common monitoring network

Please describe: [Cahul, Ungheni, Costești-Stâncă, Lipcani hydrological stations]

Common agreed parameters

Please describe: [Regulation on the exchange of meteorological and hydrological data and the joint performance of liquid and solid flow]

measurements, approved at the first meeting of the Subcommittee on Quantitative Water Management and Hydrometeorology, 19 June, 2014, Chisinau, Republic of Moldova]

(c) Please describe the main achievements regarding joint monitoring, if any: []

(d) Please describe any difficulties experienced with joint monitoring: [lack of funding, lack of staff, lack of equipment]

8. Do the riparian States carry out joint assessment of the transboundary basin, sub-basin, part of a basin or group of basins?

Yes /No

If yes, please provide the date of the last or only assessment, the frequency and scope (e.g., surface waters or groundwaters only, pollution sources, etc.) of the assessment, and assessment methodology applied: [.]

9. Have the riparian States agreed to use joint water quality standards?

Yes /No

If yes, what standards have been applied, e.g. international or regional standards (please specify which), or have national standards of the riparian States been applied? [fill in]

10. What are the measures implemented to prevent or limit the transboundary impact of accidental pollution?

Notification and communication

Coordinated or joint early warning or alarm system for accidental water pollution

Other (please list): [fill in]

No measures

If not, why not? What difficulties does your country face in putting in place such measures?: [fill in]

11. What are the measures implemented to prevent or limit the transboundary impact of extreme weather events and climate change?

Notification and communication

Coordinated or joint alarm system for floods

Coordinated or joint alarm system for droughts

Joint climate change adaptation strategy

Joint disaster risk reduction strategy

Other (please list): [fill in]

No measures

If not, why not? What difficulties does your country face in putting in place such measures?: [fill in]

12. Are procedures in place for mutual assistance in case of a critical situation?

Yes /No

If yes, please provide a brief summary: [Article 9 of the Agreement between Republic of Moldova and Romania from 2010, is dedicated to the exceptional

situations and reaction of the countries in the basin, in the case of these critical situations.]

13. Are the public or relevant stakeholders involved in transboundary water management in the basin, sub-basin, part of a basin or group of basins?

Yes /No

If yes, how? (please tick all applicable)

Stakeholders have observer status in a joint body or mechanism

Stakeholders have an advisory role in the joint body

Stakeholders have a decision-making role in the joint body

If yes, please specify the stakeholders for the joint body or mechanism:
[fill in]

Intergovernmental organizations

Private sectors organizations or associations

Water user groups or associations

Academic or research institutions

Other non-governmental organizations

General public

Other (please specify): [fill in]

Availability of information to the public

Consultation on planned measures or river basin management plans¹¹

Public involvement

Other (please specify): [fill in]

Name of the transboundary basin,-sub-basin, part of a basin or group of basins:

The Danube river basin

List of the riparian States: **Ukraine, Romania**

In the case of an aquifer, what is the nature of the aquifer and its relation with the river or lake basin:

Unconfined aquifer connected to a river or lake

Unconfined aquifer with no or limited relation with surface water

Confined aquifer connected to surface water

Confined aquifer with no or limited relation with surface water

Other

Please describe: [fill in]

¹¹ Or, where applicable, aquifer management plans.

Unknown

Percentage of your country's territory within the basin, sub-basin, part of a basin or group of basins: [0,29%]

1. Is there one or more transboundary (bilateral or multilateral) agreement(s) or arrangement(s) on this basin, sub-basin, part of a basin or group of basins?

One or more agreements or arrangements exist and are in force

Agreement or arrangement developed but not in force

Agreement or arrangement developed, but not in force for all riparians

Please insert the name of the agreement(s) or arrangement(s)

Agreement between the Government of Ukraine and the Government of the Republic of Moldova on the Joint Use and Protection of Transboundary Waters, as of 23 November, 1994.

Agreement between Romania and the Republic of Moldova on the cooperation in the field of protection and sustainable use of the Prut and Danube rivers, Chisinau, 2010.

Danube River Protection Convention (Parliament Decision of republic of Moldova no. 323-XIV of 17.03.99)

Agreement or arrangement is under development

No agreement or arrangement

If there is no agreement or arrangement or it is not in force, please explain briefly why not and provide information on any plans to address the situation: [fill in]

If there is no agreement or arrangement and no joint body or mechanism for the transboundary basin, sub-basin, part of a basin or group of basins then jump to question 4; if there is no agreement or arrangement, but a joint body or mechanism then go to question 3.

Questions 2 and 3 to be completed for each bilateral or multilateral agreement or arrangement in force in the transboundary basin, sub-basin, part of a basin or group of basins.

Agreement between the Government of Ukraine and the Government of the Republic of Moldova on the Joint Use and Protection of Transboundary Waters, as of 23 November, 1994

2. (a) Does this agreement or arrangement specify the area subject to cooperation?

Yes /No

If yes, does it cover the entire basin or group of basins and all riparian States?

Yes /No

Additional explanations? [The Agreement covers only transboundary waters and does not cover the Romanian part of the basin]

Or, if the agreement or arrangement relates to a sub-basin, does it cover the entire sub-basin?

Yes /No

Additional explanations? [fill in]

Which States (including your own) are bound by the agreement or arrangement?
(Please list): Republic of Moldova and Ukraine

(b) If the agreement or arrangement relates to a river or lake basin or sub-basin, does it also cover aquifers?

Yes /No

If yes, please list the aquifers covered by the agreement or arrangement:

A₁₋₂ - alluvial deposits of meadows and terraces;
N_{2p} - Pontic sands;
N_{1s3-m} - the aquifer of the Upper Sarmatian-Meotian deposits;
N_{1s2} - the aquifer of the Middle Sarmatian deposits;
N_{1b-s1+2} - Baden-Sarmatian aquifer;

(c) What is the sectoral scope of the agreement or arrangement?

All water uses

A single water use or sector

Several water uses or sectors

If one or several water uses or sectors, please list (check as appropriate):

Water uses or sectors

Industry

Agriculture

Transport (e.g., navigation)

Households

Energy: hydropower and other energy types

Fisheries

Tourism

Nature protection

Other (please list): [fill in]

(d) What topics or subjects of cooperation are included in the agreement or arrangement?

Procedural and institutional issues

Dispute and conflict prevention and resolution

Institutional cooperation (joint bodies)

Consultation on planned measures

Mutual assistance

Topics of cooperation

Joint vision and management objectives

Joint significant water management issues

Navigation

-
- Human health
 - Environmental protection (ecosystem)
 - Water quality
 - Water quantity or allocation
 - Cooperation in addressing floods
 - Cooperation in addressing droughts
 - Climate change adaptation
 - Monitoring and exchange**
 - Joint assessments
 - Data collection and exchange
 - Joint monitoring
 - Maintenance of joint pollution inventories
 - Elaboration of joint water quality objectives
 - Common early warning and alarm procedures
 - Exchange of experience between riparian States
 - Exchange of information on planned measures
 - Joint planning and management**
 - Development of joint regulations on specific topics
 - Development of international or joint river, lake or aquifer basin management or action plans
 - Management of shared infrastructure
 - Development of shared infrastructure
 - Other (*please list*): [fill in]

(e) What are the main difficulties and challenges that your country faces with the agreement or arrangement and its implementation, if any?

- Aligning implementation of agreement or arrangement with national laws, policies and programmes
- Aligning implementation of agreement or arrangement with regional laws, policies and programmes
- Lack of financial resources
- Insufficient human capacity
- Insufficient technical capacity
- Tense diplomatic relations (some times)
- Non-participation of certain riparian countries in the agreement
- No significant difficulties
- Other (*please describe*): [fill in]

(f) What are the main achievements in implementing the agreement or arrangement and what were the keys to achieving such success?

Creation of the Institute of the Plenipotentiaries, who meets annually.

Common measures for the protection of fishery resources.

(g) Please attach a copy of the agreement or arrangement or provide the web address of the document (*please attach document or insert web address, if applicable*):

[<http://lex.justice.md/index.php?action=view&view=doc&lang=1&id=314241>]

3. Is your country a member of any joint body or mechanism for this agreement or arrangement?

Yes /No

If no, why not? (please explain): [fill in]

Where there is a joint body or mechanism

(a) If there is a joint body or mechanism, which kind of joint body or mechanism (*please tick one*)?

Plenipotentiaries

Bilateral commission

Basin or similar commission

Expert group meeting or meeting of national focal points

Other (*please describe*): [fill in]

(b) Does the joint body or mechanism cover the entire transboundary basin, sub-basin, part of a basin or group of basins?

Yes /No

(c) Which States (including your own) are members of the joint body or mechanism? (*Please list*): [Republic of Moldova and Ukraine]

(d) Are there any riparian States that are not members of the joint body or mechanism? (*please list*): [all countries located in the Danube river basin except Ukraine and the Republic of Moldova]

(e) If not all riparian States are members of the joint body or mechanism how does the joint body or mechanism cooperate with them?

No cooperation

They have observer status

Other (*please describe*): [fill in]

(f) Does the joint body or mechanism have any of the following features (*please tick the ones applicable*)?

A secretariat

If the secretariat is a permanent one, is it a joint secretariat or does each country host its own secretariat? (Please describe): [fill in]

A subsidiary body or bodies

Please list (e.g., working groups on specific topics): [

Working groups:

Water resources management in the Prut and Siret river basins;

Water resources management of the Danube River and Danube Reservoirs;

Water monitoring and water resources management in the Black Sea river basin;

Conservation of biological diversity]

Other features (please list): [fill in]

(g) What are the tasks and activities of this joint body or mechanism?¹²

- | | |
|---|-------------------------------------|
| Identification of pollution sources | <input checked="" type="checkbox"/> |
| Data collection and exchange | <input checked="" type="checkbox"/> |
| Joint monitoring | <input checked="" type="checkbox"/> |
| Maintenance of joint pollution inventories | <input type="checkbox"/> |
| Setting emission limits | <input type="checkbox"/> |
| Elaboration of joint water quality objectives | <input type="checkbox"/> |
| Management and prevention of flood or drought risks | <input checked="" type="checkbox"/> |
| Preparedness for extreme events, e.g., common early warning and alarm procedures | <input checked="" type="checkbox"/> |
| Surveillance and early warning of water related disease | <input type="checkbox"/> |
| Water allocation and/or flow regulation | <input checked="" type="checkbox"/> |
| Policy development | <input type="checkbox"/> |
| Control of implementation | <input checked="" type="checkbox"/> |
| Exchange of experience between riparian States | <input checked="" type="checkbox"/> |
| Exchange of information on existing and planned uses of water and related installations | <input checked="" type="checkbox"/> |
| Settling of differences and conflicts | <input checked="" type="checkbox"/> |
| Consultations on planned measures | <input checked="" type="checkbox"/> |
| Exchange of information on best available technology | <input checked="" type="checkbox"/> |
| Participation in transboundary EIA | <input type="checkbox"/> |
| Development of river, lake or aquifer basin management or action plans | <input type="checkbox"/> |
| Management of shared infrastructure | <input type="checkbox"/> |
| Addressing hydromorphological alterations | <input checked="" type="checkbox"/> |
| Climate change adaptation | <input type="checkbox"/> |
| Joint communication strategy | <input type="checkbox"/> |
| Basin-wide or joint public participation and consultation of, for example, basin management plans | <input type="checkbox"/> |

¹² This may include tasks according to the agreement or tasks added by the joint body, or its subsidiaries. Both tasks which joint bodies coordinate and tasks which they implement should be included.

-
- Joint resources to support transboundary cooperation
- Capacity-building
- Any other tasks (*please list*): [fill in]
- (h) What are the main difficulties and challenges that your country faces with the operation of the joint body or mechanism, if any?
- Governance issues
Please describe, if any: [Political instability]
- Unexpected planning delays
Please describe, if any: [political instability and uncontrolled staff turnover lead to some difficulties in planning more activities]
- Lack of resources
Please describe, if true: [in the Republic of Moldova, this area is unfortunately not a priority, accordingly, not enough sources are provided for the planned actions.]
- Lack of mechanism for implementing measures
Please describe, if true: [fill in]
- Lack of effective measures
Please describe, if true: [fill in]
- Unexpected extreme events
Please describe, if any: [fill in]
- Lack of information and reliable forecasts
Please describe, if any: [fill in]
- Others (*please list and describe, as appropriate*): [fill in]
- (i) Does the joint body or mechanism, or its subsidiary bodies meet regularly?
 Yes /No
- If yes, how frequently does it meet?
- More than once per year
- Once per year
- Less than once per year
- (j) What are the main achievements with regards to the joint body or mechanism? [addressing different topics regarding surface water protection in the Danube river basin]
- (k) Did the joint body or mechanism ever invite a non-riparian coastal State to cooperate?
 Yes /No
- If yes, please give details. If no, why not, e.g. are the relevant coastal States also riparian States and therefore already members of the joint body or mechanism?* [is not be relevant given the limited scope]

Agreement between Romania and the Republic of Moldova on the cooperation in the field of protection and sustainable use of the Prut and Danube rivers, Chisinau, 2010.

2. (a) Does this agreement or arrangement specify the area subject to cooperation?

Yes /No

If yes, does it cover the entire basin or group of basins and all riparian States?

Yes /No

Additional explanations? [The Agreement covers only transboundary waters and does not cover the Ukrainian part of the basin]

Or, if the agreement or arrangement relates to a sub-basin, does it cover the entire sub-basin?

Yes /No

Additional explanations? [fill in]

Which States (including your own) are bound by the agreement or arrangement?
(Please list): Republic of Moldova and Romania

- (b) If the agreement or arrangement relates to a river or lake basin or sub-basin, does it also cover aquifers?

Yes /No

If yes, please list the aquifers covered by the agreement or arrangement:

A₁₋₂ - alluvial deposits of meadows and terraces;
N_{2p} - Pontic sands;
N_{1s3-m} - the aquifer of the Upper Sarmatian-Meotian deposits;
N_{1s2} - the aquifer of the Middle Sarmatian deposits;
N_{1b-s1+2} - Baden-Sarmatian aquifer;

- (c) What is the sectoral scope of the agreement or arrangement?

All water uses

A single water use or sector

Several water uses or sectors

If one or several water uses or sectors, please list (check as appropriate):

Water uses or sectors

Industry

Agriculture

Transport (e.g., navigation)

Households

Energy: hydropower and other energy types

Fisheries

-
- Tourism
 - Nature protection
 - Other (*please list*): [fill in]

(d) What topics or subjects of cooperation are included in the agreement or arrangement?

Procedural and institutional issues

- Dispute and conflict prevention and resolution
- Institutional cooperation (joint bodies)
- Consultation on planned measures
- Mutual assistance

Topics of cooperation

- Joint vision and management objectives
- Joint significant water management issues
- Navigation
- Human health
- Environmental protection (ecosystem)
- Water quality
- Water quantity or allocation
- Cooperation in addressing floods
- Cooperation in addressing droughts
- Climate change adaptation

Monitoring and exchange

- Joint assessments
- Data collection and exchange
- Joint monitoring
- Maintenance of joint pollution inventories
- Elaboration of joint water quality objectives
- Common early warning and alarm procedures
- Exchange of experience between riparian States
- Exchange of information on planned measures

Joint planning and management

- Development of joint regulations on specific topics
- Development of international or joint river, lake or aquifer basin management or action plans
- Management of shared infrastructure
- Development of shared infrastructure

Other (*please list*): [fill in]

- (e) What are the main difficulties and challenges that your country faces with the agreement or arrangement and its implementation, if any?

Aligning implementation of agreement or arrangement with national laws, policies and programmes

Aligning implementation of agreement or arrangement with regional laws, policies and programmes

Lack of financial resources

Insufficient human capacity

Insufficient technical capacity

Tense diplomatic relations

Non-participation of certain riparian countries in the agreement

No significant difficulties

Other (*please describe*): [fill in]

- (f) What are the main achievements in implementing the agreement or arrangement and what were the keys to achieving such success?

Establishment of the Hydro-technical Commission.

- (g) Please attach a copy of the agreement or arrangement or provide the web address of the document (*please attach document or insert web address, if applicable*): [<https://lege5.ro/Gratuit/geztqmzuhe/acordul-intre-guvernul-romaniei-si-guvernul-republicii-moldova-privind-cooperarea-pentru-protectia-si-utilizarea-durabila-a-apelor-prutului-si-dunarii-din-28062010>]

3. Is your country a member of any joint body or mechanism for this agreement or arrangement?

Yes /No

If no, why not? (please explain): [fill in]

Where there is a joint body or mechanism

- (a) If there is a joint body or mechanism, which kind of joint body or mechanism (*please tick one*)?

Plenipotentiaries

Bilateral commission

Basin or similar commission

Expert group meeting or meeting of national focal points

Other (*please describe*): [fill in]

- (b) Does the joint body or mechanism cover the entire transboundary basin, sub-basin, part of a basin or group of basins?

Yes /No

- (c) Which States (including your own) are members of the joint body or mechanism? (*Please list*): [Republic of Moldova and Romania]

(d) Are there any riparian States that are not members of the joint body or mechanism? (please list): [Ukraine]

(e) If not all riparian States are members of the joint body or mechanism how does the joint body or mechanism cooperate with them?

No cooperation

They have observer status

Other (*please describe*): [fill in]

(f) Does the joint body or mechanism have any of the following features (*please tick the ones applicable*)?

A secretariat

If the secretariat is a permanent one, is it a joint secretariat or does each country host its own secretariat? (Please describe): [fill in]

A subsidiary body or bodies

Please list (e.g., working groups on specific topics): [Hydro-technical Commission; Subcommittee on defense against floods and frosts; Subcommittee on Quantitative Water Management and Hydrometeorology; Subcommittee for the protection of water quality and biodiversity of water bodies]

Other features (*please list*): [fill in]

(g) What are the tasks and activities of this joint body or mechanism?¹³

Identification of pollution sources

Data collection and exchange

Joint monitoring

Maintenance of joint pollution inventories

Setting emission limits

Elaboration of joint water quality objectives

Management and prevention of flood or drought risks

Preparedness for extreme events, e.g., common early warning and alarm procedures

Surveillance and early warning of water related disease

Water allocation and/or flow regulation

Policy development

Control of implementation

Exchange of experience between riparian States

¹³ This may include tasks according to the agreement or tasks added by the joint body, or its subsidiaries. Both tasks which joint bodies coordinate and tasks which they implement should be included.

-
- Exchange of information on existing and planned uses of water and related installations
 - Settling of differences and conflicts
 - Consultations on planned measures
 - Exchange of information on best available technology
 - Participation in transboundary EIA
 - Development of river, lake or aquifer basin management or action plans
 - Management of shared infrastructure
 - Addressing hydromorphological alterations
 - Climate change adaptation
 - Joint communication strategy
 - Basin-wide or joint public participation and consultation of, for example, basin management plans
 - Joint resources to support transboundary cooperation
 - Capacity-building
 - Any other tasks (*please list*): [fill in]

(h) What are the main difficulties and challenges that your country faces with the operation of the joint body or mechanism, if any?

- Governance issues
Please describe, if any: [Political instability]
- Unexpected planning delays
Please describe, if any: [political instability and uncontrolled staff turnover lead to some difficulties in planning more activities]
- Lack of resources
Please describe, if true: [in the Republic of Moldova, this area is unfortunately not a priority, accordingly, not enough sources are provided for the planned actions]
- Lack of mechanism for implementing measures
Please describe, if true: [fill in]
- Lack of effective measures
Please describe, if true: [with regret, in recent years no action has taken place in the Intergovernmental Hydrotechnical Commission. Of all the subcommissions, currently only the Stînca-Costești Subcommission is active, the rest of the subcommissions do not take any action]
- Unexpected extreme events
Please describe, if any: [fill in]
- Lack of information and reliable forecasts

Please describe, if any: [due to the cessation of the activities of the subcommissions, the exchange of information is insufficient]

Others (*please list and describe, as appropriate*): [fill in]

- (i) Does the joint body or mechanism, or its subsidiary bodies meet regularly?

Yes /No

If yes, how frequently does it meet?

More than once per year

Once per year

Less than once per year

- (j) What are the main achievements with regards to the joint body or mechanism? [addressing different topics regarding surface water protection in the Danube river basin]

- (k) Did the joint body or mechanism ever invite a non-riparian coastal State to cooperate?

Yes /No

If yes, please give details. If no, why not, e.g. are the relevant coastal States also riparian States and therefore already members of the joint body or mechanism? [is not be relevant given the limited scope]

Danube River Protection Convention (Parliament Decision of republic of Moldova no. 323-XIV of 17.03.99)

2. (a) Does this agreement or arrangement specify the area subject to cooperation?

Yes /No

If yes, does it cover the entire basin or group of basins and all riparian States?

Yes /No

Additional explanations? [fill in]

Or, if the agreement or arrangement relates to a sub-basin, does it cover the entire sub-basin?

Yes /No

Additional explanations? [fill in]

Which States (including your own) are bound by the agreement or arrangement? (*Please list*): Austria, Bosnia and Herzegovina, Bulgaria, Croatia, Check Republic, Germany, Hungary, Moldova, Montenegro, Romania, Slovakia, Slovenia, Serbia, Ukraine

- (b) If the agreement or arrangement relates to a river or lake basin or sub-basin, does it also cover aquifers?

Yes /No

If yes, please list the aquifers covered by the agreement or arrangement:

The 2015 Danube River Management Plan (Annex 8) provides the list of transboundary water bodies. These are next:

1. Deep Thermal (national parts: AT-1, DE-1)
2. Upper Jurassic – Lower Cretaceous (national parts: BG-2, RO-2)
3. Middle Sarmatian – Pontian (national parts: MD-3, RO-3, UA)
4. Sarmatian (national parts: BG-4, RO-4)
5. Mures/ Maros (national parts: HU-5; RO-5¹⁴)
6. Somes/ Szamos (national parts: HU-6, RO-6¹⁵)
7. Upper Pannonian-Lower Pleistocene/ Vojvodina / Duna-Tisza köze déli r. (national parts: HU-7, RO-7, RS-7)
8. Podunajska Basin, Zitny Ostrov/ Szigetköz, Hanság-Rábca (national parts: HU-8, SK-8)
9. Bodrog (HU-9, SK-9)
10. Slovensky kras/ Aggtelek-hgs. (national parts: HU-10, SK-10)
11. Komarnanska Vysoka Kryha / Dunántúli hgs. északi r. (national parts: HU-11, SK-11)

As regards Moldovan Part of the Danube River Basin, along with Middle Sarmatian – Pontian transboundary groundwater body, these are 5 (five) more aquifers:

A₁₋₂ - alluvial deposits of meadows and terraces;
 aN₂-aA₁₊₂ Pliocene-Pleistocene aquifer complex
 N_{2p} - Pontic sands;
 N_{1s3-m} - the aquifer of the Upper Sarmatian-Meotian deposits;
 N_{1s2} – the aquifer of the Middle Sarmatian deposits;

(c) What is the sectoral scope of the agreement or arrangement?

- All water uses
- A single water use or sector
- Several water uses or sectors

If one or several water uses or sectors, please list (check as appropriate):

Water uses or sectors

- Industry
- Agriculture
- Transport (e.g., navigation)
- Households
- Energy: hydropower and other energy types
- Fisheries
- Tourism
- Nature protection

Other (*please list*): [Special water use – municipal and industrial waste water

¹⁴ ...GWBs overlying

¹⁵ ...GWBs overlying

discharge]

(d) What topics or subjects of cooperation are included in the agreement or arrangement?

Procedural and institutional issues

- Dispute and conflict prevention and resolution
- Institutional cooperation (joint bodies)
- Consultation on planned measures
- Mutual assistance

Topics of cooperation

- Joint vision and management objectives
- Joint significant water management issues
- Navigation
- Human health
- Environmental protection (ecosystem)
- Water quality
- Water quantity or allocation
- Cooperation in addressing floods
- Cooperation in addressing droughts
- Climate change adaptation

Monitoring and exchange

- Joint assessments
- Data collection and exchange
- Joint monitoring
- Maintenance of joint pollution inventories
- Elaboration of joint water quality objectives
- Common early warning and alarm procedures
- Exchange of experience between riparian States
- Exchange of information on planned measures

Joint planning and management

- Development of joint regulations on specific topics
- Development of international or joint river, lake or aquifer basin management or action plans
- Management of shared infrastructure
- Development of shared infrastructure
- Other (*please list*): [fill in]

(e) What are the main difficulties and challenges that your country faces with the agreement or arrangement and its implementation, if any?

-
- Aligning implementation of agreement or arrangement with national laws, policies and programmes
 - Aligning implementation of agreement or arrangement with regional laws, policies and programmes
 - Lack of financial resources
 - Insufficient human capacity
 - Insufficient technical capacity
 - Tense diplomatic relations (sometimes)
 - Non-participation of certain riparian countries in the agreement
 - No significant difficulties
 - Other (*please describe*): [fill in]

(f) What are the main achievements in implementing the agreement or arrangement and what were the keys to achieving such success?

Decrease of water pollution in the Danube basin resulting in decrease of pollution

loads into the Black Sea/ dedicated organizational and expert work of ICPDR; enormous efforts and inputs from countries - contracting parties, the same water legislation for vast majority of contracting parties; comprehensive technical support of contracting parties that are non-EU member states, etc.

(g) Please attach a copy of the agreement or arrangement or provide the web address of the document (*please attach document or insert web address, if applicable*): <http://www.icpdr.org/main/icpdr/danube-river-protection-convention>

3. Is your country a member of any joint body or mechanism for this agreement or arrangement?

Yes /No

If no, why not? (please explain): [fill in]

Where there is a joint body or mechanism

(a) If there is a joint body or mechanism, which kind of joint body or mechanism (*please tick one*)?

- Plenipotentiaries
- Bilateral commission
- Basin or similar commission
- Expert group meeting or meeting of national focal points

Other (*please describe*): [fill in]

(b) Does the joint body or mechanism cover the entire transboundary basin, sub-basin, part of a basin or group of basins?

Yes /No

(c) Which States (including your own) are members of the joint body or mechanism? (*Please list*): [Austria, Bosnia and Herzegovina, Bulgaria, Croatia,

Check Republic, Germany, Hungary, Moldova, Montenegro, Romania, Slovakia, Slovenia, Serbia, Ukraine & European Commission]

(d) Are there any riparian States that are not members of the joint body or mechanism? (please list): [No]

(e) If not all riparian States are members of the joint body or mechanism how does the joint body or mechanism cooperate with them?

No cooperation

They have observer status

Other (*please describe*): [fill in]

(f) Does the joint body or mechanism have any of the following features (*please tick the ones applicable*)?

A secretariat

If the secretariat is a permanent one, is it a joint secretariat or does each country host its own secretariat? (Please describe): [Joint Secretariat]

A subsidiary body or bodies

Please list (e.g., working groups on specific topics):

Expert Group River Basin Management

Task Group Hydromorphology

Task Group Economics

Expert Group Pressures and Measures

Task Group Nutrients

Expert Group Monitoring and Assessment

Task Group Groundwater

Expert Group Flood Prevention

Expert Group Information Management & GIS

Expert Group Accident Prevention & Control

Expert Group Public Participation

Ad-hoc Strategic Expert Group

Other features (*please list*): [ICPDR's Observers.]

Additional explanations: While Observers are not granted decision-making rights, they actively participate in all meetings of ICPDR expert groups and task groups, as well as plenary meetings (Standing Working Group and Ordinary Meetings). Observers represent a broad spectrum of stakeholders in the Danube River Basin, covering social, cultural, economic and environmental interest groups adhering to the goals of the Convention. Institutionally, Observers can include interest groups, non-government organisations (NGOs), and intergovernmental organisations (see list below). Observers are accepted upon approval of the ICPDR and have to meet a defined set of criteria laid down in "IC 185 Guidelines for Observers". As of today, there are 24 organisations approved as observers. These are Black Sea Commission (BSC); Carpathian Convention; Central Dredging Association (CEDA); Danube Civil Society Forum (DCSF); Danube Competence Center (DCC); Danube Commission (DC); Danube Environmental Forum (DEF); Danubeparks; Danube Sturgeon Task Force (DSTF); Danube Tourist Commission (DIE DONAU); European Anglers Alliance (EAA); European Barge Union (EBU); European Water Association (EWA); Friends of Nature International (NFI); Global Water Partnership (GWP-CEE); International Association for Danube Research (IAD); International Association of Water Service Companies in the Danube River Catchment Area (IAWD);

International Hydrological Programme of the UNESCO (IHP/Danube); International Sava River Basin Commission (ISRBC); RAMSAR Convention on Wetlands; Regional Environmental Center for Central and Eastern Europe (REC); VGB PowerTech e.V. (VGB); Viadonau; World Wide Fund for Nature – Danube-Carpathian Programme (WWF-DCP). All of them have the opportunity to contribute to the development of Danube River Management Plans through the relevant expert groups, task groups and plenary meetings.

- (g) What are the tasks and activities of this joint body or mechanism?¹⁶
- | | |
|---|-------------------------------------|
| Identification of pollution sources | <input checked="" type="checkbox"/> |
| Data collection and exchange | <input checked="" type="checkbox"/> |
| Joint monitoring | <input checked="" type="checkbox"/> |
| Maintenance of joint pollution inventories | <input checked="" type="checkbox"/> |
| Setting emission limits | <input checked="" type="checkbox"/> |
| Elaboration of joint water quality objectives | <input checked="" type="checkbox"/> |
| Management and prevention of flood or drought risks | <input checked="" type="checkbox"/> |
| Preparedness for extreme events, e.g., common early warning and alarm procedures | <input checked="" type="checkbox"/> |
| Surveillance and early warning of water related disease | <input type="checkbox"/> |
| Water allocation and/or flow regulation | <input checked="" type="checkbox"/> |
| Policy development | <input checked="" type="checkbox"/> |
| Control of implementation | <input checked="" type="checkbox"/> |
| Exchange of experience between riparian States | <input checked="" type="checkbox"/> |
| Exchange of information on existing and planned uses of water and related installations | <input checked="" type="checkbox"/> |
| Settling of differences and conflicts | <input checked="" type="checkbox"/> |
| Consultations on planned measures | <input checked="" type="checkbox"/> |
| Exchange of information on best available technology | <input checked="" type="checkbox"/> |
| Participation in transboundary EIA | <input type="checkbox"/> |
| Development of river, lake or aquifer basin management or action plans | <input checked="" type="checkbox"/> |
| Management of shared infrastructure | <input type="checkbox"/> |
| Addressing hydromorphological alterations | <input checked="" type="checkbox"/> |
| Climate change adaptation | <input checked="" type="checkbox"/> |
| Joint communication strategy | <input checked="" type="checkbox"/> |
| Basin-wide or joint public participation and consultation of, | |

¹⁶ This may include tasks according to the agreement or tasks added by the joint body, or its subsidiaries. Both tasks which joint bodies coordinate and tasks which they implement should be included.

-
- for example, basin management plans
- Joint resources to support transboundary cooperation
- Capacity-building
- Any other tasks (*please list*): [fill in]
- (h) What are the main difficulties and challenges that your country faces with the operation of the joint body or mechanism, if any?
- Governance issues
Please describe, if any: [Political instability]
- Unexpected planning delays
Please describe, if any: [fill in]
- Lack of resources
Please describe, if true: [fill in]
- Lack of mechanism for implementing measures
Please describe, if true: [fill in]
- Lack of effective measures
Please describe, if true: [fill in]
- Unexpected extreme events
Please describe, if any: [fill in]
- Lack of information and reliable forecasts
Please describe, if any: [fill in]
- Others (*please list and describe, as appropriate*): [fill in]
- (i) Does the joint body or mechanism, or its subsidiary bodies meet regularly?
Yes /No
- If yes, how frequently does it meet?
- More than once per year
- Once per year
- Less than once per year
- (j) What are the main achievements with regards to the joint body or mechanism? [Creation of the worldwide model for river basin management, implementation of the Water Framework Directive and the Flood Directive in all contracting parties, including non-EU member states, particularly, elaboration and implementation of the Danube River Basin District Management Plans and Joint Programs of Measures (in 2009, 2015, 2021), strengthening of regional cooperation in water management, establishing of the WFD compliant transnational monitoring network, establishing of the Danube Accident Emergency Warning System (AEWS), etc. In some furgues, the main achievements are the following: In entire Danube basin, reducing organic emissions by 50%, reducing nitrogen emissions by 10%, reducing phosphorus emmissions by 30%, reconnected wetlands & floodplains - 50,000 hectares, constructed fish migration aids – 120.]

(k) Did the joint body or mechanism ever invite a non-riparian coastal State to cooperate?

Yes /No

If yes, please give details. If no, why not, e.g. are the relevant coastal States also riparian States and therefore already members of the joint body or mechanism?
[The relevant coastal States are also riparian States and therefore already members of the joint body or mechanism (Romania, Ukraine, Bulgaria – yet, the Bulgarian part of the Danube basin does not form a part of the Bulgarian Black Sea basin)]

4. Have joint objectives, a common strategy, a joint or coordinated management plan or action plan been agreed for the basin, sub-basin, part of a basin or group of basins?

Yes /No

If yes, please provide further details: [Management Plan for the Danube River Basin District update 2015]

5. How is the transboundary basin,–sub-basin, part of a basins or group of basins protected, including the protection of ecosystems, in the context of sustainable and rational water use?

Regulation of urbanization, deforestation, and sand and gravel extraction.

Environmental flow norms, including consideration of levels and seasonality

Water quality protection, e.g. nitrates, pesticides, faecal coliforms, heavy metals

Water-related species and habitats protection

Other measures (*please describe*): [fill in]

6. (a) Does your country regularly exchange information and data with other riparian States in the basin, sub-basin, part of a basin or group of basins?

Yes /No

(b) If yes, how often:

More than once per year

Once per year

Less than once per year

(c) Please describe how information is exchanged (e.g. in connection with meetings of joint bodies): [at a meetings commision, sucommissions, etc]

(d) If yes, on what subjects are information and data exchanged?

Environmental conditions

Research activities and application of best available techniques

Emission monitoring data

Planned measures taken to prevent, control or reduce transboundary impacts

- Point source pollution sources
- Diffuse pollution sources
- Existing hydromorphological alterations (dams, etc.)
- Flows or water levels (including groundwater levels)
- Water abstractions
- Climatological information
- Future planned measures with transboundary impacts, such as infrastructure development
- Other subjects (*please list*): [fill in]
- Other comments, e.g. spatial coverage of data and information exchange: [fill in]

(e) Is there a shared database or information platform?

Yes /No

(f) Is the database publicly available?

Yes /No

If yes, please provide the web address: [fill in]

(g) What are the main difficulties and challenges to data exchange, if applicable?

- Frequency of exchanges
- Timing of exchanges
- Comparability of data and information
- Limited spatial coverage
- Inadequate resources (technical and/or financial)

Other (*please describe*): [fill in]

Additional comments: [fill in]

(h) What are the main benefits of data exchange on the basin, sub-basin, part of a basin or group of basins? (*please describe*):

[The Republic of Moldova has access to the Danube river on a portion of only 430 meters, so we cannot emphasize any benefits following the data exchange on the basin]

7. Do the riparian States carry out joint monitoring in the transboundary basin, sub-basin, part of a basin or group of basins?

Yes /No

(a) If yes, what does the joint monitoring cover?

	<i>Hydrological</i>	<i>Ecological</i>	<i>Chemical</i>
Border surface waters	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Surface waters in the entire basin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<i>Hydrological</i>	<i>Ecological</i>	<i>Chemical</i>
Surface waters on the main watercourse	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Surface waters in part of the basin please describe [fill in]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transboundary aquifer(s) (connected or unconnected)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aquifer(s) in the territory of one riparian hydraulically connected to a transboundary river or lake	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

(b) If joint monitoring is carried out, how is this done?

National monitoring stations connected through a network or common stations

Please describe: [common monitoring hydrological station (with Romania) on the Danube river]

Joint and agreed methodologies

Please describe: [according to the water framework directive]

Joint sampling

Please describe: [Giurgiulești hydrological stations]

Common monitoring network

Please describe: [Giurgiulești hydrological stations]

Common agreed parameters

Please describe: [Regulation on the exchange of meteorological and hydrological data and the joint performance of liquid and solid flow measurements, approved at the first meeting of the Subcommittee on Quantitative Water Management and Hydrometeorology, 19 June, 2014, Chisinau, Republic of Moldova]

(c) Please describe the main achievements regarding joint monitoring, if any: [fill in]

(d) Please describe any difficulties experienced with joint monitoring: [lack of funding, lack of staff, lack of equipment]

8. Do the riparian States carry out joint assessment of the transboundary basin, sub-basin, part of a basin or group of basins?

Yes /No

If yes, please provide the date of the last or only assessment, the frequency and scope (e.g., surface waters or groundwaters only, pollution sources, etc.) of the assessment, and assessment methodology applied: [fill in]

9. Have the riparian States agreed to use joint water quality standards?

Yes /No

If yes, what standards have been applied, e.g. international or regional standards (please specify which), or have national standards of the riparian States been applied? [fill in]

10. What are the measures implemented to prevent or limit the transboundary impact of accidental pollution?

Notification and communication

Coordinated or joint early warning or alarm system for accidental water pollution

Other (*please list*): [fill in]

No measures

If not, why not? What difficulties does your country face in putting in place such measures?: [fill in]

11. What are the measures implemented to prevent or limit the transboundary impact of extreme weather events and climate change?

Notification and communication

Coordinated or joint alarm system for floods

Coordinated or joint alarm system for droughts

Joint climate change adaptation strategy

Joint disaster risk reduction strategy

Other (*please list*): [fill in]

No measures

If not, why not? What difficulties does your country face in putting in place such measures?: [fill in]

12. Are procedures in place for mutual assistance in case of a critical situation?

Yes /No

If yes, please provide a brief summary: [Article 9 of the Agreement between Republic of Moldova and Romania from 2010, is dedicated to the exceptional situations and reaction of the countries in the basin, in the case of these critical situations.]

13. Are the public or relevant stakeholders involved in transboundary water management in the basin, sub-basin, part of a basin or group of basins?

Yes /No

If yes, how? (please tick all applicable)

Stakeholders have observer status in a joint body or mechanism

Stakeholders have an advisory role in the joint body

Stakeholders have a decision-making role in the joint body

If yes, please specify the stakeholders for the joint body or mechanism: [fill in]

Intergovernmental organizations

Private sectors organizations or associations

-
- | | |
|--|-------------------------------------|
| Water user groups or associations | <input type="checkbox"/> |
| Academic or research institutions | <input checked="" type="checkbox"/> |
| Other non-governmental organizations | <input checked="" type="checkbox"/> |
| General public | <input type="checkbox"/> |
| Other (please specify): [fill in] | |
| Availability of information to the public | <input checked="" type="checkbox"/> |
| Consultation on planned measures or river basin management plans ¹⁷ | <input checked="" type="checkbox"/> |
| Public involvement | <input checked="" type="checkbox"/> |
| Other (<i>please specify</i>): [fill in] | |

Name of the transboundary basin,-sub-basin, part of a basin or group of basins:

Rivers with direct flow into the Black Sea (Basins of Cogalnic, Sărata, Hagiger and Alcalia Rivers)]

List of the riparian States: **Ukraine**

In the case of an aquifer, what is the nature of the aquifer and its relation with the river or lake basin:

- | | |
|---|--------------------------|
| Unconfined aquifer connected to a river or lake | <input type="checkbox"/> |
| Unconfined aquifer with no or limited relation with surface water | <input type="checkbox"/> |
| Confined aquifer connected to surface water | <input type="checkbox"/> |
| Confined aquifer with no or limited relation with surface water | <input type="checkbox"/> |
| Other | <input type="checkbox"/> |
| Please describe: [fill in] | |
| Unknown | <input type="checkbox"/> |

Percentage of your country's territory within the basin, sub-basin, part of a basin or group of basins: [This indicator is very difficult to calculate because it includes the basins of 4 small rivers that flow directly into the Black Sea. The largest is the Cogalnic river basin, 26% of the surface of which is on the territory of the Republic of Moldova. The remaining of 3 basins (Sărata, Hagiger and Alcalia) have very small surface on the territory of the Republic of Moldova.]

- Is there one or more transboundary (bilateral or multilateral) agreement(s) or arrangement(s) on this basin, sub-basin, part of a basin or group of basins?

One or more agreements or arrangements exist and are in force	<input checked="" type="checkbox"/>
Agreement or arrangement developed but not in force	<input type="checkbox"/>
Agreement or arrangement developed, but not in force for all riparians	<input type="checkbox"/>

Please insert the name of the agreement(s) or arrangement(s)

¹⁷ Or, where applicable, aquifer management plans.

Agreement between the Government of Ukraine and the Government of the Republic of Moldova on the Joint Use and Protection of Transboundary Waters, as of 23 November, 1994.

Agreement or arrangement is under development

No agreement or arrangement

If there is no agreement or arrangement or it is not in force, please explain briefly why not and provide information on any plans to address the situation: [fill in]

If there is no agreement or arrangement and no joint body or mechanism for the transboundary basin, sub-basin, part of a basin or group of basins then jump to question 4; if there is no agreement or arrangement, but a joint body or mechanism then go to question 3.

Questions 2 and 3 to be completed for each bilateral or multilateral agreement or arrangement in force in the transboundary basin, sub-basin, part of a basin or group of basins.

2. (a) Does this agreement or arrangement specify the area subject to cooperation?

Yes /No

If yes, does it cover the entire basin or group of basins and all riparian States?

Yes /No

Additional explanations? [fill in]

Or, if the agreement or arrangement relates to a sub-basin, does it cover the entire sub-basin?

Yes /No

Additional explanations? [fill in]

Which States (including your own) are bound by the agreement or arrangement? (Please list): Republic of Moldova and Ukraine

(b) If the agreement or arrangement relates to a river or lake basin or sub-basin, does it also cover aquifers?

Yes /No

If yes, please list the aquifers covered by the agreement or arrangement:

[A₁₋₂ - alluvial deposits of meadows and terraces;

N_{2p} - Pontic sands;

N_{1s2} – the aquifer of the Middle Sarmatian deposits;

N_{1b-s₁₊₂} - Baden-Sarmatian aquifer;

(c) What is the sectoral scope of the agreement or arrangement?

All water uses

A single water use or sector

Several water uses or sectors

If one or several water uses or sectors, please list (check as appropriate):

Water uses or sectors

Industry

Agriculture

-
- Transport (e.g., navigation)
 - Households
 - Energy: hydropower and other energy types
 - Fisheries
 - Tourism
 - Nature protection
 - Other (*please list*): [fill in]

(d) What topics or subjects of cooperation are included in the agreement or arrangement?

Procedural and institutional issues

- Dispute and conflict prevention and resolution
- Institutional cooperation (joint bodies)
- Consultation on planned measures
- Mutual assistance

Topics of cooperation

- Joint vision and management objectives
- Joint significant water management issues
- Navigation
- Human health
- Environmental protection (ecosystem)
- Water quality
- Water quantity or allocation
- Cooperation in addressing floods
- Cooperation in addressing droughts
- Climate change adaptation

Monitoring and exchange

- Joint assessments
- Data collection and exchange
- Joint monitoring
- Maintenance of joint pollution inventories
- Elaboration of joint water quality objectives
- Common early warning and alarm procedures
- Exchange of experience between riparian States
- Exchange of information on planned measures

Joint planning and management

- Development of joint regulations on specific topics

- Development of international or joint river, lake or aquifer basin management or action plans
- Management of shared infrastructure
- Development of shared infrastructure
- Other (*please list*): [fill in]

(e) What are the main difficulties and challenges that your country faces with the agreement or arrangement and its implementation, if any?

- Aligning implementation of agreement or arrangement with national laws, policies and programmes
- Aligning implementation of agreement or arrangement with regional laws, policies and programmes
- Lack of financial resources
- Insufficient human capacity
- Insufficient technical capacity
- Tense diplomatic relations (some times)
- Non-participation of certain riparian countries in the agreement
- No significant difficulties
- Other (*please describe*): [fill in]

(f) What are the main achievements in implementing the agreement or arrangement and what were the keys to achieving such success?

Creation of the Institute of the Plenipotentiaries, who meets annually.

(g) Please attach a copy of the agreement or arrangement or provide the web address of the document (*please attach document or insert web address, if applicable*):

[<http://lex.justice.md/index.php?action=view&view=doc&lang=1&id=314241>]

3. Is your country a member of any joint body or mechanism for this agreement or arrangement?

Yes /No

If no, why not? (please explain): [fill in]

Where there is a joint body or mechanism

(a) If there is a joint body or mechanism, which kind of joint body or mechanism (*please tick one*)?

- Plenipotentiaries
- Bilateral commission
- Basin or similar commission
- Expert group meeting or meeting of national focal points
- Other (*please describe*): [fill in]

(b) Does the joint body or mechanism cover the entire transboundary basin, sub-basin, part of a basin or group of basins?

Yes /No

(c) Which States (including your own) are members of the joint body or mechanism? (*Please list*): [Republic of Moldova and Ukraine]

(d) Are there any riparian States that are not members of the joint body or mechanism? (*please list*): [fill in]

(e) If not all riparian States are members of the joint body or mechanism how does the joint body or mechanism cooperate with them?

No cooperation

They have observer status

Other (*please describe*): [fill in]

(f) Does the joint body or mechanism have any of the following features (*please tick the ones applicable*)?

A secretariat

If the secretariat is a permanent one, is it a joint secretariat or does each country host its own secretariat? (Please describe): [fill in]

A subsidiary body or bodies

Please list (e.g., working groups on specific topics): [

Working groups:

Water resources management in the Prut and Siret river basins;

Water resources management of the Danube River and Danube Reservoirs;

Water monitoring and water resources management in the Black Sea river basin; Conservation of biological diversity.]

Other features (*please list*): [fill in]

(g) What are the tasks and activities of this joint body or mechanism?¹⁸

Identification of pollution sources

Data collection and exchange

Joint monitoring

Maintenance of joint pollution inventories

Setting emission limits

Elaboration of joint water quality objectives

Management and prevention of flood or drought risks

Preparedness for extreme events, e.g., common early warning and alarm procedures

Surveillance and early warning of water related disease

Water allocation and/or flow regulation

Policy development

¹⁸ This may include tasks according to the agreement or tasks added by the joint body, or its subsidiaries. Both tasks which joint bodies coordinate and tasks which they implement should be included.

-
- Control of implementation
 - Exchange of experience between riparian States
 - Exchange of information on existing and planned uses of water and related installations
 - Settling of differences and conflicts
 - Consultations on planned measures
 - Exchange of information on best available technology
 - Participation in transboundary EIA
 - Development of river, lake or aquifer basin management or action plans
 - Management of shared infrastructure
 - Addressing hydromorphological alterations
 - Climate change adaptation
 - Joint communication strategy
 - Basin-wide or joint public participation and consultation of, for example, basin management plans
 - Joint resources to support transboundary cooperation
 - Capacity-building
 - Any other tasks (*please list*): [fill in]

(h) What are the main difficulties and challenges that your country faces with the operation of the joint body or mechanism, if any?

- Governance issues
Please describe, if any: [Political instability]
- Unexpected planning delays
Please describe, if any: [political instability and uncontrolled staff turnover lead to some difficulties in planning more activities]
- Lack of resources
Please describe, if true: [in the Republic of Moldova, this area is unfortunately not a priority, accordingly, not enough sources are provided for the planned actions]
- Lack of mechanism for implementing measures
Please describe, if true: [fill in]
- Lack of effective measures
Please describe, if true: [fill in]
- Unexpected extreme events
Please describe, if any: [drought, floods]
- Lack of information and reliable forecasts
Please describe, if any: [fill in]

Others (*please list and describe, as appropriate*): [fill in]

(i) Does the joint body or mechanism, or its subsidiary bodies meet regularly?

Yes /No

If yes, how frequently does it meet?

More than once per year

Once per year

Less than once per year

(j) What are the main achievements with regards to the joint body or mechanism? [mostly, aspects related to the reduction of Cogâlnic river water pollution]

(k) Did the joint body or mechanism ever invite a non-riparian coastal State to cooperate?

Yes /No

If yes, please give details. If no, why not, e.g. are the relevant coastal States also riparian States and therefore already members of the joint body or mechanism? [is not be relevant given the limited scope]

4. Have joint objectives, a common strategy, a joint or coordinated management plan or action plan been agreed for the basin, sub-basin, part of a basin or group of basins?

Yes /No

If yes, please provide further details: [Protocol for and Plan of Actions are signed in every meeting of authorized representatives]

5. How is the transboundary basin, sub-basin, part of a basin or group of basins protected, including the protection of ecosystems, in the context of sustainable and rational water use?

Regulation of urbanization, deforestation, and sand and gravel extraction.

Environmental flow norms, including consideration of levels and seasonality

Water quality protection, e.g. nitrates, pesticides, faecal coliforms, heavy metals

Water-related species and habitats protection

Other measures (*please describe*): [fill in]

6. (a) Does your country regularly exchange information and data with other riparian States in the basin, sub-basin, part of a basin or group of basins?

Yes /No

(b) If yes, how often:

More than once per year

Once per year

Less than once per year

(c) Please describe how information is exchanged (e.g. in connection with meetings of joint bodies): [at a meetings of the Institute of the Plenipotentiaries, etc]

(d) If yes, on what subjects are information and data exchanged?

Environmental conditions

Research activities and application of best available techniques

Emission monitoring data

Planned measures taken to prevent, control or reduce transboundary impacts

Point source pollution sources

Diffuse pollution sources

Existing hydromorphological alterations (dams, etc.)

Flows or water levels (including groundwater levels)

Water abstractions

Climatological information

Future planned measures with transboundary impacts, such as infrastructure development

Other subjects (*please list*): [fill in]

Other comments, e.g. spatial coverage of data and information exchange: [fill in]

(e) Is there a shared database or information platform?

Yes /No

(f) Is the database publicly available?

Yes /No

If yes, please provide the web address: [fill in]

(g) What are the main difficulties and challenges to data exchange, if applicable?

Frequency of exchanges

Timing of exchanges

Comparability of data and information

Limited spatial coverage

Inadequate resources (technical and/or financial)

Other (*please describe*): [fill in]

Additional comments: [fill in]

(h) What are the main benefits of data exchange on the basin, sub-basin, part of a basin or group of basins? (*please describe*):

[pollution prevention]

7. Do the riparian States carry out joint monitoring in the transboundary basin, sub-basin, part of a basin or group of basins?

Yes /No

(a) If yes, what does the joint monitoring cover?

	<i>Hydrological</i>	<i>Ecological</i>	<i>Chemical</i>
Border surface waters	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Surface waters in the entire basin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surface waters on the main watercourse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surface waters in part of the basin please describe [fill in]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transboundary aquifer(s) (connected or unconnected)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aquifer(s) in the territory of one riparian hydraulically connected to a transboundary river or lake	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(b) If joint monitoring is carried out, how is this done?

National monitoring stations connected through a network or common stations

Please describe: [fill in]

Joint and agreed methodologies

Please describe: [fill in]

Joint sampling

Please describe: [fill in]

Common monitoring network

Please describe: [fill in]

Common agreed parameters

Please describe: [Regulation on the Ukrainian-Moldovan Cooperation on Water and Environmental Monitoring and Control of Water Quality, (last changes approved on meeting on Costesti, Moldova 15.06.2012)]

(c) Please describe the main achievements regarding joint monitoring, if any: [fill in]

(d) Please describe any difficulties experienced with joint monitoring: [fill in]

8. Do the riparian States carry out joint assessment of the transboundary basin, sub-basin, part of a basin or group of basins?

Yes /No

If yes, please provide the date of the last or only assessment, the frequency and scope (e.g., surface waters or groundwaters only, pollution sources, etc.) of the assessment, and assessment methodology applied: [.]

9. Have the riparian States agreed to use joint water quality standards?

Yes /No

If yes, what standards have been applied, e.g. international or regional standards (please specify which), or have national standards of the riparian States been applied? [fill in]

10. What are the measures implemented to prevent or limit the transboundary impact of accidental pollution?

Notification and communication

Coordinated or joint early warning or alarm system for accidental water pollution

Other (*please list*): [fill in]

No measures

If not, why not? What difficulties does your country face in putting in place such measures?: [fill in]

11. What are the measures implemented to prevent or limit the transboundary impact of extreme weather events and climate change?

Notification and communication

Coordinated or joint alarm system for floods

Coordinated or joint alarm system for droughts

Joint climate change adaptation strategy

Joint disaster risk reduction strategy

Other (*please list*): [fill in]

No measures

If not, why not? What difficulties does your country face in putting in place such measures?: [fill in]

12. Are procedures in place for mutual assistance in case of a critical situation?

Yes /No

If yes, please provide a brief summary: [fill in]

13. Are the public or relevant stakeholders involved in transboundary water management in the basin, sub-basin, part of a basin or group of basins?

Yes /No

If yes, how? (please tick all applicable)

Stakeholders have observer status in a joint body or mechanism

Stakeholders have an advisory role in the joint body

Stakeholders have a decision-making role in the joint body

If yes, please specify the stakeholders for the joint body or mechanism: [fill in]

Intergovernmental organizations

Private sectors organizations or associations

Water user groups or associations

-
- | | |
|--|-------------------------------------|
| Academic or research institutions | <input type="checkbox"/> |
| Other non-governmental organizations | <input type="checkbox"/> |
| General public | <input type="checkbox"/> |
| Other (please specify): [fill in] | |
| Availability of information to the public | <input checked="" type="checkbox"/> |
| Consultation on planned measures or river basin management plans ¹⁹ | <input checked="" type="checkbox"/> |
| Public involvement | <input checked="" type="checkbox"/> |
| Other (please specify): [fill in] | |

III. Water management at the national level

In this section, you are requested to provide general information on water management at the national level as it relates to transboundary waters. Information on specific transboundary basins, sub-basins, part of basins and groups of basins, should be presented in section II and not repeated here.

1. (a) Does your country's national legislation, policies, action plans and strategies refer to measures to prevent, control and reduce any transboundary impact?

Yes /No

If yes, please briefly describe the main national laws, policies, action plans and strategies [fill in]

- (b) Does your country's legislation provide for the following principles?

Precautionary principle Yes /No

Polluter pays principle Yes /No

Sustainable development Yes /No

User pays principle Yes /No

If yes, please briefly describe how these principles are implemented at the national level: [this principles was mentioned Law no. 272 of 23.12.2011 Waters and Plan of management of District of Dinester Hydrographical Basins and Plan of management of District of Prut and Black Sea Basins]

- (c) Does your country have a national licensing or permitting system for wastewater discharges and other point source pollution? (e.g., in industry, mining, energy, municipal, wastewater management or other sectors)?

Yes /No

If yes, for which sectors?

- | | |
|-----------|-------------------------------------|
| Industry | <input checked="" type="checkbox"/> |
| Mining | <input type="checkbox"/> |
| Energy | <input checked="" type="checkbox"/> |
| Municipal | <input checked="" type="checkbox"/> |

¹⁹ Or, where applicable, aquifer management plans.

Livestock raising

Aquaculture

Other (please list): [fill in]

Please briefly describe the licensing or permitting system, indicating whether the system provides for setting emission limits based on best available technology?

If yes, for which sectors? (please list): [all the regulations regarding the waste water discharge are stipulated in the Government Decision no. 950 of 25.11.2013 for the approval of the Regulation regarding the requirements for collection, treatment and discharge of waste water in the sewage system and/or in water bodies for urban and rural localities, which of course provides for the setting of emission limits based on the best available technologies]

If not, please explain why not (giving the most important reasons) or provide information if there are plans to introduce a licensing or permitting system: [fill in]

(d) Are the authorized discharges monitored and controlled?

Yes /No

If yes, how? (Please tick the ones applicable):

Monitoring of discharges

Monitoring of physical and chemical impacts on water

Monitoring of ecological impacts on water

Conditions on permits

Inspectorate

Other means (please list): [fill in]

If your country does not have a discharge monitoring system, please explain why not or provide information if there are plans to introduce a discharge monitoring system: [fill in]

(e) What are the main measures which your country takes to reduce diffuse sources of water pollution on transboundary waters (e.g., from agriculture, transport, forestry or aquaculture)? The measures listed below relate to agriculture, but other sectors may be more significant. Please be sure to include these under "others":

Legislative measures

Norm for uses of fertilizers

Norms for uses of manure

Permitting system

Bans on or norms for use of pesticides

Others (please list): [fill in]

Economic and financial measures

Monetary incentives

Environmental taxes (such as fertilizer taxes)

Others (please list): [fill in]

Agricultural extension services

Technical measures

Source control measures

- Crop rotation
- Tillage control
- Winter cover crops
- Others (*please list*): [fill in]

Other measures

- Buffer/filter strips
- Wetland reconstruction
- Sedimentation traps
- Chemical measures
- Others (*please list*): [fill in]

Other types of measures

If yes, please list: [fill in]

(f) What are the main measures which your country takes to enhance water resources allocation and use efficiency?

Please tick as appropriate (not all might be relevant)

- A regulatory system regarding water abstraction
- Monitoring and control of abstractions
- Water rights are defined
- Water allocation priorities are listed
- Water-saving technologies
- Advanced irrigation techniques
- Demand management activities
- Other means (*please list*)

(g) Does your country apply the ecosystems approach?

Yes /No

If yes, please describe how: [by wetland reconstruction in Lower Dniester, increasing the forest areas in the riverbeds]

(h) Does your country take specific measures to prevent the pollution of groundwaters?

Yes /No

If yes, please briefly describe the most important measures: [Establishing sanitary and protection areas for wells, digitization of underground water quality information]

2. Do your national laws require transboundary environmental impact assessment (EIA)?

Yes /No

If yes, please briefly describe the legislative basis, and any related implementing procedures. [fill in]

If not, do other measures provide for transboundary EIA? [Under the Agreement between the Government of the Republic of Moldova and the Cabinet of Ministers of Ukraine on cooperation in the field of protection and sustainable development of the Dniester river basin, 2012, the transboundary diagnostic analysis will be carried out which will be the basis for drawing up a joint action plan]

IV. Final questions

1. What are the main challenges your country faces in cooperating on transboundary waters?

- Differences between national administrative and legal frameworks
- Lack of relevant data and information
- Difficulties in data and information exchange
- Sectoral fragmentation at the national level
- Language barrier
- Resource constraints
- Environmental pressures, e.g. extreme events
- Sovereignty concerns

Please list other challenges and/or provide further details: [fill in]

2. What have been the main achievements in-cooperating on transboundary waters?

- Improved water management
- Enhanced regional integration, i.e. beyond water
- Adoption of cooperative arrangements
- Adoption of joint plans and programmes
- Long-lasting and sustained cooperation
- Financial support for joint activities
- Stronger political will for transboundary water cooperation
- Better knowledge and understanding
- Dispute avoidance
- Stakeholder engagement

Please list other achievements, keys to achieving success, and/or provide concrete examples: [fill in]

3. Please indicate which institutions were consulted during the completion of the questionnaire

- Joint body or mechanism
- Other riparian or aquifer countries
- National water management authority
- Environment agency/ authority

-
- | | |
|---|-------------------------------------|
| Basin authority (national) | <input checked="" type="checkbox"/> |
| Local or provincial government | <input type="checkbox"/> |
| Geological survey (national) | <input checked="" type="checkbox"/> |
| Non-water specific ministries, e.g. foreign affairs, finance, forestry and energy | <input type="checkbox"/> |
| Civil society organizations | <input type="checkbox"/> |
| Water user associations | <input type="checkbox"/> |
| Private sector | <input type="checkbox"/> |
| Other (please list): [fill in] | |

Please briefly describe the process by which the questionnaire was completed: [fill in]

4. If you have any other comments please add them here (*insert comments*): [The Republic of Moldova is a small country and practically all its area is assigned to different cross-border river basins. Thus, the policy of the Republic of Moldova in this area is to improve relations with neighboring countries, including through a common management of cross-border waters.]
5. Name and contact details of the person(s) who filled out the questionnaire (*please insert*):

Andrian Delinschi

Head of the Integrated Water Resources Management Department
Ministry of Agriculture, Regional Development and Environment,
Chisinau, Republic of Moldova.

Date: 20.03.2020

Signature: