INTERNATIONAL SAVA RIVER BASIN COMMISSION

Ref. No. 1R-52-O-19-4/2-2

SAVA GIS DATA POLICY

Policy on the exchange and use of
Sava GIS data and information

Version 1.0

September 2019

The document was adopted at the 52nd Session of the Sava Commission, held in Zagreb on September 17-18, 2019, as a living document which shall be updated on an ad hoc basis, as necessary.

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Geographical Information System of the Sava River Basin – Sava GIS is a seamless, independent geo-information system of the International Sava River Basin Commission (Sava Commission) for timely and open access to integrated data, products, information, services and tools with sufficient accuracy and precision in order to address important water management issues in the Sava River Basin.

Sava GIS is driven by open and service oriented architecture, interoperability standards and common data specification that enables sharing of geospatial information, metadata cataloguing and harvesting, server side tool components that enable mapping services, visualisation and reporting between the Parties to the Framework Agreement on the Sava River Basin (Bosnia and Herzegovina, Croatia, Serbia and Slovenia). Based on the Memorandum of Understanding on cooperation between the Sava Commission and Montenegro, Montenegro also contribute to and use Sava GIS.

By this Policy on the exchange and use of Sava GIS data and information (Sava GIS Data Policy) the Sava Commission establishes principles and requirements for collecting and sharing geospatial data and metadata between the data providers and data receivers. This Sava GIS Data Policy also establishes the requirements and conditions of data administration and using by the Sava Commission and projects implementing by the Sava Commission as well as sharing and promoting secondary data use.

The Sava GIS Data Policy applies for the current status of available data and information in Sava GIS and may be amended for the subsequent reviews.

1. Principles

1.1. The Sava GIS Data Policy operates on the principal of the Framework Agreement on the Sava River Basin (FASRB) with the aim of encouraging the widespread use of the data for national and regional purposes.

1.2. The Sava GIS Data Policy do not infringe on the ownership rights of the data transmitted to Sava GIS by the Parties to FASRB (and their national agencies) and other data providers.

1.3. The Parties to FASRB and other data providers are encouraged to transfer to Sava GIS unrestricted, quality controlled, selected data, together with metadata.

1.4. The Sava GIS Data Policy applies to all organizations responsible for the implementation of FASRB which may provide or receive data or information under this policy, the Sava Commission and its Secretariat, expert groups and working bodies as well as experts working for the Sava Commission.

2. Definitions

2.1. Sava GIS platform – all server application components that constitute Sava GIS installed and stored at the infrastructure in premises of the Sava Commission (database, geoportal and related web applications, metadata catalogue, geo and web servers).

2.2. Sava GIS data – all data and information available in Sava GIS that includes:

Datasets - (1) geospatial data and information which have an implicit or explicit association with a location and (2) attribute data that define property of geospatial objects

Metadata - description of Sava GIS dataset or web service in a way that provides users with sufficient information to understand its potential, restrictions or security requirements.

Web Services - in context of Sava GIS, an Open Geospatial Consortium (OGC) compliant service that provides access to spatial datasets in web map (Web Map Service - WMS) or feature (Web Feature Service - WFS) form.

2.3. Sava GIS data providers – all organizations responsible for the implementation of FASRB which may provide data or information under this Policy. Each data provider is undisputed

owner of their data and metadata that are uploaded to Sava GIS platform. Each data provider have rights to use all available Sava GIS datasets, web services and metadata,

2.4. Sava GIS data receivers – all organizations responsible for the implementation of FASRB or organizations that are not responsible for the implementation of FASRB but may receive rights to use the Sava GIS datasets, web services and metadata.

2.5. Sava GIS data administrator – the Secretariat of the Sava Commission. The Sava Commission is not the owner of data, but it is entrusted with safe storage, managing and using of the data and implementation of this Data Policy.

3. Organisations covered

3.1. The organisations which may provide (data provider) or receive (data receiver) data or information under this Policy are listed in Annex I. This list comprise the Sava Commission, all primary data provider organizations and other organisation, responsible for implementation of the FASRB, which may provide or receive data.

3.2. The Sava Commission is responsible for implementing and supporting the Sava GIS Data Policy and providing guidance and technical assistance where feasible and appropriate in implementing and improving the requirements of this Policy.

4. Data covered

4.1. A complete list of the following Sava GIS datasets, which are currently held by the data providers, are available in Annex II.

4.2. This Sava GIS Data Policy recognises that some data providers do not currently hold all of the data and information. Where data is not currently held, the relevant data provider will consider whether extension of current data collection and monitoring (and/or data processing) programmes would be possible in order to supply such data and/or information in future.

4.3. All Sava GIS datasets are classified in the following categories, according to ISO 19115 and their implementation related to Sava GIS datasets and user groups:

Value	Definition by ISO 19115	Sava GIS related usage
unclassified	available for general disclosure	available for all users with download rights only for registered users
restricted	not for general disclosure	available for registered users
confidential	available for someone who can be entrusted with information	available for entrusted (and all higher-level) users

4.4. The provision of this classification in the metadata of national datasets is mandatory as classification hierarchy is used for granting access to Sava GIS various users' groups.

5. Roles and responsibilities

5.1. Sava GIS platform distinguishes two main user category: registered and unregistered (public) users related to access to the data and to roles which the user has on specific datasets.

5.1.1.   Unregistered (public) users
"*Public user*" – user profile with possibility to access unclassified Sava GIS datasets, information, metadata, reports and maps without need to login.

5.1.2.   Registered users
"*Viewer*" – user profile with possibility to access unclassified and restricted Sava GIS datasets, information, metadata, reports and maps after login with the right to download data within Sava GIS Geoportal or its web services. A user with this profile is registered in Sava GIS geoportal.

"*Editor*" – user profile with the right to view, upload, and download data with the possibility of editing the attribute data within Sava GIS Geoportal. Upload and editing rights are limited to country-specific access meaning that each editor user belonging to a user group (Bosnia

and Herzegovina, Croatia, Montenegro, Serbia, Slovenia and Undefined) that define rights to view, create, update or delete data and metadata, depending on data or metadata.

Editors are committed to make efforts for maintaining and improving the quality and compliance of provided data and information by applying appropriate quality control procedures.

5.1.3.	Administrator

"Administrator" – user profile that is defined as highest authority level in Sava GIS and can create new or edit existing users, change user groups or change the user roles and rights for use of all modules and functionality of Sava GIS geoportal, metadata catalogue and access to data. Data Administrator grant roles and responsibilities to all users, activate and/or deactivate datasets and metadata records posted to the Sava GIS platform, provide technical support for the Sava GIS system administration.

This user profile gives a user rights to make new and edit existing rules for users viewing map module of geoportal via admin module of Sava GIS portal as well as to directly access and manage central database.

5.2. Members of the Sava Commission, Expert Groups and Task Groups nominated by the Parties to FASRB are automatically becomes registered users.

5.3. Members of the Permanent Expert Groups are automatically given Editor profile for their respective country, while data upload rights are limited solely to the Permanent Expert Group for GIS and the Permanent Expert Group for Hydrological and Meteorological Issues.

5.4. In addition, each data provider and data receivers are authorised to nominate additional users to the registered user category only upon prior request and permission of all data providers. The request should precisely and unambiguously define which data and information are required and by whom, including details concerning the exact purpose. The data provider(s) will respond to all such requests within 15 days of receiving a written request. If no response is delivered within 15 days, it will be presumed that permission of access and use of data and products is given.

5.5. In case that the unregistered (public) users intends to access to restricted datasets that will be possible only upon prior request and permission of the data provider(s) responsible for requested data. Requests for access must reach the Administrator in written form: email, fax or letter precisely and unambiguously define which data and information are required and by whom, including details concerning the exact purpose. The data provider(s) will respond to all such requests within 15 days of receiving a written request. If no response is delivered within 15 days, it will be presumed that permission of access and use of data and products is given. After approval of request data user will sign the declaration available in Annex III.

5.6. Appropriate use of data and information exchanged in accordance with the Policy is responsibility of all users. The data provider does not bear any liability for use of data and information.

5.7. The management of users and their categories (defining the access rights) is implemented by the Secretariat of the Sava Commission. The Sava Commission is also authorised to nominate persons for the Editor and Administrator user profile categories. The list of the persons nominated or registered to the various user categories will be published for internal usage.

6. Data collection, use and redistribution

6.1. Data and information collection and upload procedures will be described in a separate document.

6.2. Data or information exchanged in accordance with the Data Policy may be used in connection with all activities that assist in the management of the Sava River Basin.

6.3. Data providers and data receivers may use all data and information exchanged under this Policy, but retains solely ownership rights concerning its own data and information.

6.4. Data providers and data receivers (other than the Sava Commission) may not redistribute data or information exchanged under this Policy to any third party without the prior agreement or consent of the data provider(s).

6.5. In case that the data provider and data receivers intends to redistribute data and information of another country(s), that will be possible only upon prior request and permission of the data providers(s). The Request should precisely and unambiguously define which data and information are required and by whom, including details concerning the exact purpose. The data provider(s) will respond to all such requests within 15 days of receiving a written request. If no response is delivered within 15 days, it will be presumed that permission of access and use of data and products is given.

6.6. The Sava Commission may publish data or information exchanged under this Policy in its publications and may also redistribute data and information publically via its online web-portal for purposes covered by the FASRB.

7. Ownership and acknowledgment

7.1. The provision of data or information under this Policy confers only a right for the Data Receiver to use it as detailed in chapters 5 and 6. Ownership of the data or information will not be transferred.

7.2. In any publications, reports or products arising from use of the data or information, the Data Receiver undertakes to acknowledge the Data Provider as the source.

8. Data Charging

8.1. Data and information available on Sava GIS platform will be released freely and without charge.

9. Revision of Annexes

9.1. Annexes will be revised at least once every two years and updated, where necessary, to ensure that reflect the current needs. Main expected drivers for document improvement are standardization for data collection and exchange as well as their management required by EU regulations. Updated versions of the document are expected to include alignment of data capturing methods, data formats, exchange methods and metadata wherever possible.

9.2. The Sava Commission will be informed about need of annexes update.

10. Contacts

10.1. The Secretariat of the Sava Commission has direct functional responsibility and accountability on behalf of the Sava Commission for all areas of work that are covered by this Policy, and its related procedures.

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Kneza Branimira 29, Zagreb, Croatia
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REFERENCES

- Framework Agreement on the Sava River Basin, Bosnia and Herzegovina, Republic of Croatia, Republic of Slovenia and Federal Republic of Yugoslavia, signed in Kranjska Gora (Slovenia) on 3 December 2002
- Memorandum of Understanding on cooperation between the International Sava River Basin Commission and Montenegro, International Sava River Basin Commission and Montenegro, signed in Belgrade (Serbia) on 9 December 2013
- Strategy on Implementation of the Framework Agreement on the Sava River Basin, International Sava River Basin Commission, 2011
- Sava GIS Strategy, International Sava River Basin Commission, 2008
- Policy on the Exchange of Hydrological and Meteorological Data and Information in the Sava River Basin, 2014

ANNEX I: Organisations covered by the Policy

I.1. International Sava River Basin Commission (administrator and data receiver)

I.2. National organizations (data providers and receivers)

Country	Name of organisation
Bosnia and Herzegovina	Sava River Watershed Agency
	Public institution "Vode Srpske"
	Federal Hydrometeorological Service
	Republic Hydro-Meteorological Service of Republic of Srpska
Croatia	Hrvatske vode
	Meteorological and Hydrological Service
Montenegro	Water Administration
	Institute of Hydrometeorology and Seismology
Serbia	Public water management company "Srbija vode"
	Public water management company "Vode Vojvodine"
	Republic Hydrometeorological Service of Serbia
Slovenia	Slovenian Environment Agency
	Slovenian Water Agency

I.3. Other national organizations (data receivers)

Country	Name of organisation
Bosnia and Herzegovina	Ministry of Communications and Transport
	Ministry of Foreign Trade and Economic Relations
	Ministry of Agriculture, Forestry and Water Management of the Republic of Srpska
	Federal Ministry of Agriculture, Water Management and Forestry
	Ministry of Transport and Communications of the Republic of Srpska
	Federal Ministry of Transport and Communications
	Ministry of Spatial Planning, Civil Engineering and Ecology of the Republic of Srpska
	Federal Ministry of Environment and Tourism
	Government of the Brčko District
Croatia	Ministry of Maritime Affairs, Transport and Infrastructure
	Ministry of Environment and Energy
Montenegro	Ministry of Agriculture and Rural Development
Serbia	Ministry of Agriculture, Forestry and Water Management
	Ministry of Construction, Transport and Infrastructure
	Ministry of Foreign Affairs
	Directorate for Inland Waterways
	Republic Geodetic Authority
Slovenia	Ministry of Foreign Affairs
	Ministry for Environment and Spatial Planning
	Ministry of Economic Development and Technology
	Ministry of Infrastructure

ANNEX II: List of Sava GIS layers and accessibility

II.1. Datasets related to the river basin management

> *II.1.1. River Basin District / Subunit / Competent Authority dataset*
> *II.1.2. Surface Water Body dataset*
> *II.1.3. Ground Water Body dataset*
> *II.1.4. Protected Area dataset*
> *II.1.5. Monitoring dataset*
> *II.1.6. Urban Waste Water dataset*

II.2. Datasets related to the flood risk management

> *II.2.1. Competent Authority dataset*
> *II.2.2. Preliminary Flood Risk Assessment dataset*
> *II.2.3. Areas of Potentially Significant Flood Risk dataset*
> *II.2.3. Flood hazard mapping dataset*
> *II.2.4. Flood risk mapping dataset*
> *II.2.5. Flood Risk Management Plan dataset*
> *II.2.6. Flood protection structures dataset*

II.3. Datasets related to the hydrological and meteorological issues (Sava HIS)

> *II.3.1. Hydrological dataset*
> *II.3.2. Meteorological dataset*

ANNEX II.1: Datasets related to the river basin management

II.1.1. River Basin District / Subunit / Competent Authority dataset

Field	Alias name	Mandatory	Accessibility
RBD - Polygon Description: River basin district - Boundaries of the river basin district and sub-units within the national borders			Unclassified
RBD_ID	Sub Unit ID	no	restricted
EU_CD_RBD	EU RBD Code	yes	unclassified
EU_CD_SU	EU SU Code	no	unclassified
RBD - Table Description: River Basin District - table			Unclassified
RDB_ID	Row ID	no	restricted
EURBDCode	EU RBD Code	yes	unclassified
MSRBDCode	National RBD Code	yes	unclassified
RBDBeginLifespanVersion	RBD Begin Lifespan Version	yes	restricted
RBDName	RBD Name	yes	unclassified
RBDNameNL	RBD Name NL	yes	restricted
RBDNameNLLanguage	National Language Code	yes	restricted
RBDBeginDesignationPeriod	RBD Begin Designation Period	no	restricted
RBDEndDesignationPeriod	RBD End Designation Period	no	restricted
RBDArea	RBD Area (km2)	yes	unclassified
RBDAreaExclCW	RBD Area Excluding Coastal (km2)	yes	unclassified
InternationalRBD	International RBD	yes	unclassified
InternationalRBDName	International RBD Name	no	restricted
RBDLinkToMSInformation	RBD Link To National Information	no	restricted
SubUnitsDefined	Sub Units Defined	yes	restricted
Sub Unit - Table Description: SubUnit of River Basin District - table			Unclassified
SU_ID	Row ID	no	restricted
EUSubUnitCode	EU Sub Unit Code	yes	unclassified
MSSubUnitCode	National Sub Unit Code	yes	unclassified
EURBDCode	EU RBD Code	yes	unclassified
SubUnitBeginLifespanVersion	SU Begin Lifespan Version	yes	restricted
SubUnitName	Sub Unit Name	yes	unclassified
SubUnitNameNL	Sub Unit Name NL	yes	restricted
SubUnitNameNLLanguage	National Language Code	yes	restricted
SubUnitArea	Sub Unit Area (km2)	yes	unclassified
SubUnitAreaExclCW	Sub Unit Area Excluding Coastal (km2)	yes	unclassified
Prime Competent Authority – Table Description: Prime Competent Authority			Unclassified
EURBDCode	EU RBD Code	yes	restricted
PrimeCompetentAuthority	Prime Competent Authority	yes	restricted
Competent Authorities Area – Polygon Description: Competent Authority geographical coverage within RBD including for the portion of any international RBD lying within their territory			Unclassified
CO_AUTH_ID	Polygon ID	no	restricted
EU_CD_CA	EU Competent Authority Code	yes	unclassified
EUCD_CITY	EU City Code	no	unclassified
EU_CD_RBD	EU River Basin District Code	yes	unclassified
Competent Authority – Table Description: Competent Authority related administrative information			Unclassified
CA_ID	Row ID	no	restricted
EUCACode	EU Competent Authority Code	yes	unclassified
MSCACode	National Competent Authority Code	yes	unclassified
CA_Name	Competent Authority Name	yes	unclassified
CA_NameNL	Competent Authority Name NL	yes	restricted
CA_NameNLLanguage	National Language Code	yes	restricted
LinkToCompetentAuthority	Link To Competent Authority	yes	unclassified
Acronym	Acronym	no	unclassified
Street	Street	no	unclassified
City	City	no	unclassified
CityNL	City NL	no	unclassified

Field	Alias name	Mandatory	Accessibility
Country_EN	Country	no	unclassified
Postcode	Postcode	no	unclassified
CA_BeginDesignationPeriod	CA Begin Designation Period	no	restricted
CA_EndDesignationPeriod	CA End Designation Period	no	restricted
Competent Authority Main Role - Attribute Table Description: Competent Authority's main role(s) in the implementation of the WFD in the RBD			Restricted
EUCACode	EU Competent Authority Code	yes	restricted
MainRole	Competent Authority main role	yes	restricted
Competent Authority Other Role - Attribute Table Description: Role(s) where the Competent Authority contributes or supports another Competent Authority			Restricted
EUCACode	EU Competent Authority Code	yes	restricted
OtherRole	Competent Authority Other Role	no	restricted
Eco Regions – Polygon Description: EU Eco Regions			Unclassified
ER_ID	Polygon ID	no	unclassified
NAME	Name	no	unclassified
ECOREG_CD	EU Eco Region Code	no	unclassified

II.1.2. Surface Water Body dataset

Field	Alias name	Mandatory	Accessibility
River Basin - Polygon Description: River Basin			Unclassified
RB_ID	River Basin ID	no	restricted
NAME	Name	yes	unclassified
EUCD_RB	EU River Basin Code	yes	unclassified
MSCD_RB	National River Basin Code	yes	unclassified
AREAKM2	AreaKM2	yes	unclassified
Sub Basin - Polygon Description: River Sub Basin			Unclassified
SB_ID	River Basin ID	no	restricted
NAME	Name	yes	unclassified
CO_CODES	Country codes	no	unclassified
EUCD_SB	EU Sub basin code	yes	unclassified
MSCD_SB	National Sub basin Code	yes	unclassified
EUCD_RB	EU River Basin Code	yes	unclassified
AREAKM2	AreaKM2	yes	unclassified
SB_Pollution Risk - Table Description: Sub Basin pollution risk - table			Unclassified
SB_PR_ID	Row ID	no	restricted
EUCD_SB	EU Sub-basin code	yes	unclassified
REF_YEAR	Year	yes	unclassified
NUTR_POLL	Nutrient pollution risk	yes	unclassified
Catchment - Polygon Description: Catchments divided by state borders			Restricted
CATCH_ID	Catchment ID	no	restricted
NAME	Name	no	restricted
AREAKM2	Area KM2	no	restricted
EUCD_CATCH	EU Catchment Code	yes	restricted
MSCD_CATCH	National Catchment Code	yes	restricted
EUCD_1000	EUCD_Catchment1000	yes	restricted
EUCD_4000	EUCD_Catchment4000	yes	restricted
EUCD_100	EUCD_Catchment100	no	restricted
EUCD_PFAFF	Pfaffstetter Code	no	restricted
EUCD_RB	EU River Basin Code	no	restricted
EUCD_SB	EU River Sub Basin Code	no	restricted
Rivers - Line Description: River segments			Unclassified
RWSEG_ID	River segment ID	no	restricted
NAME	Name	yes	unclassified
EUCD_RWSEG	EU RW Segment Code	yes	unclassified
MSCD_RWSEG	National RW Segment Code	yes	unclassified
EUCD_RIV	EU River Code	yes	unclassified
CONTINUA	Continua	yes	unclassified
FLOWDIR	Flow Direction	yes	unclassified
WATERWAY	Waterway Class	yes	unclassified
BND_TYPE	Boundary Type	yes	unclassified
TRIB_ORDER	Tributary order	no	unclassified

River - Table Description: River basic data - table			Unclassified
RIV_ID	Row ID	no	restricted
NAME	Name	yes	unclassified
EUCD_RIV	EU River Code	yes	unclassified
MSCD_RIV	National River Code	yes	unclassified
EUCD_RB	EU RB Code	no	unclassified
LENGTHKM	Length (km)	no	unclassified
BASIN_CAT	Basin Size Category	no	unclassified
CANAL	Canal	yes	unclassified
RIV_CAT	River Category	no	unclassified
Lakes - Point Description: Standing water segment			Unclassified
LWSEG_ID	Lake ID	no	restricted
NAME	Name	yes	unclassified
EUCD_LWSEG	EU Lake Water Segment Code	yes	unclassified
MSCD_LWSEG	National Lake Water Segment Code	yes	unclassified
EUCD_LAKE	EU_LAKE Code	yes	unclassified
AREAKM2	Area (km2)	yes	unclassified
Lake - Table Description: Lake basic characteristics - table			Unclassified
LAKE_ID	Row ID	no	restricted
NAME	Name	yes	unclassified
EUCD_LAKE	EU Lake code	yes	unclassified
MSCD_LAKE	National Lake Code	yes	unclassified
EUCD_RB	EU RB Code	no	unclassified
AREAKM2	Area (km2)	no	unclassified
LAKE_SIZE	Lake Size Class	no	unclassified
RWB_Boundary - Point Description: River waterbody boundaries			Restricted
RWB_BND_ID	SWA ID	no	restricted
EUCD_RWB	EU SWA Code	yes	restricted
RIV_NAME	River name	no	restricted
BND_TYPE	Boundary type	yes	restricted
CONF_AZ	Azimuth	no	restricted
SW_RW_Seg - Line Description: Surface Water - River Water Body Segments			Unclassified
RW_SEG_ID	Line ID	no	restricted
EU_SEG_CD	EU River Segment Code	yes	unclassified
MS_SEG_CD	National River Segment Code	no	unclassified
EU_CD_RW	EU Surface Water Body Code	no	unclassified
EUCD_SB	EU Sub basin Code	no	unclassified
CONTINUA	Continua	yes	unclassified
SW Characterisation - Table Description: Surface Water Body Characterization - table			Unclassified
SWCharacterisation_ID	Row ID	no	restricted
EUSurfaceWaterBodyCode	EU SWB Code	yes	unclassified
MSSurfaceWaterBodyCode	National SWB Code	yes	unclassified
EURBDCode	EU RBD Code	yes	unclassified
EUSubUnitCode	EU Sub-unit Code	no	unclassified
SWBBeginLifespanVersion	Version date	yes	restricted
SWBChanges	SWB Changes	yes	restricted
TypeSWBChanges	SWB Changes Type	no	restricted
SWBName	SWB Name	yes	unclassified
SWBNameNL	SWB NL Name	yes	restricted
SWBNameNLLanguage	National Language	yes	restricted
SWBBeginDesignationPeriod	SWB Begin Designation Period	no	restricted
SWBEndDesignationPeriod	SWB End Designation Period	no	restricted
SWBCategory	SWB Category	yes	restricted
RiverWaterBodyName	River Water Body Name	no	unclassified
RiverWaterBodyCode	EU River Code	no	restricted
SWBLongitude	SWB Longitude	yes	restricted
SWBLatitude	SWB Latitude	yes	restricted
NaturalAWBHMWB	WB Nat Art or Heavily Modified	yes	restricted
Reservoir	Reservoir	no	restricted
SWBTypeCode	SWB Type Code	yes	unclassified
SWBArea	SWB Area (km2)	no	unclassified
RiverLength	River Length (km)	no	unclassified
SWBScale	SWB Scale	no	restricted
SWBScaleExplanation	SWB Scale Explanation	no	restricted

SWBTransboundary	SWB Transboundary	yes	unclassified
SWBLinkToMSInformation	SWB Link to Information	no	restricted
SWAssociatedProtectedArea	SW Associated Protected Area	yes	restricted
SWB Intercalibration Type - Table Description: Surface Water Body Inter-calibration Type			Restricted
EUSurfaceWaterBodyCode	EU SWB Code	no	restricted
SWBIntercalibrationType	SWB Inter-calibration Type	yes	restricted
SW 2010 EU SWB Codes - Table Description: EU SWB Codes reported in RBMP in 2010			Restricted
EUSurfaceWaterBodyCode	EU SWB Code	no	restricted
EUSWBCode2010	EU SWB Code 2010	no	restricted
SW HMWB Physical Alteration - Table Description: SW Heavily Modified Water Body Physical Alteration			Restricted
EUSurfaceWaterBodyCode	EU SWB Code	no	restricted
HMWBPhysicalAlteration	HMWB Physical Alteration	no	restricted
SW HMWB WaterUse - Table Description: SW Heaviliy Modified Water Body – Water Use			Restricted
EUSurfaceWaterBodyCode	EU SWB Code	no	restricted
HMWBWaterUse	HMWB Water Use	no	restricted
SW Chemical Status - Table Description: SW Chemical Status			Restricted
SWChemicalStatus_ID	Row ID	no	restricted
EUSurfaceWaterBodyCode	EU SWB Code	yes	restricted
SWChemicalStatusValue	SW Chemical Status Value	yes	restricted
SWChemicalAssessmentYear	Chemical Assessment Year	yes	restricted
SWChemicalConfidence	Chemical Confidence	yes	restricted
SWChemicalMonitoringResults	Chemical Monitoring Results	yes	restricted
SWExpected2015GoodChemStatus	Expected 2015 Good Chemical Status	yes	restricted
SWGoodChemStatAchievDate	Good Chemical Status Achieve Date	no	restricted
MixingZones	Mixing Zones	no	restricted
ProportionSWBDesignMixingZone	Proportions SWB Design Mixing Zone	no	restricted
SW Chemical Exceedances - Table Description: SW Chemical Exceedances			Restricted
EUSurfaceWaterBodyCode	EU SWB Code	yes	restricted
SWChemicalExceedances	SW Chemical Exceedances	no	restricted
SWChemicalExceedancesType	SW Chemical Exceedances Type	yes	restricted
SW Chemical Exemption Pressure – Table Description: SW Chemical Exemption Pressure			Restricted
EUSurfaceWaterBodyCode	EU SWB Code	no	restricted
SWChemExemptionPressure	SW Chemical Exemption Pressure	no	restricted
SW Chemical Exemption Type - Table Description: SW Chemical Exemption Type			Restricted
EUSurfaceWaterBodyCode	EU SWB Code	yes	restricted
SWChemicalExemptionType	SW Chemical Exemption Type	yes	restricted
SW Chemical Status Grouping - Table Description: SW Chemical Status Grouping - EU Surface Water Body Codes of grouped WB			Restricted
EUSurfaceWaterBodyCode	EU Surface Water Body Code	yes	restricted
SWChemicalStatusGrouping	Chemical Status Grouping	no	restricted
SW Effect Status New Thresholds - Table Description: SW Effect Status New Thresholds - substance(s) caused the status of the surface water body to appear to			Restricted
EUSurfaceWaterBodyCode	EU SWB Code	yes	restricted
SWEffectStatusNewThresholds	SW Effect Stat New Thresholds	yes	restricted
SW Improvement Chemical Status - Table Description: SW Improvement Chemical Status - Priority Substances which have improved from poor to good			Restricted
EUSurfaceWaterBodyCode	EU Surface Water Body Code	yes	restricted
SWImprovementChemicalStatus	SW Improvement Chemical Status	yes	restricted
SW Substances Exceeding EQS in Mixing Zone - Table Description: Substances Exceeding EQS in Mixing Zone			Restricted
EUSurfaceWaterBodyCode	EU SWB Code	yes	restricted
SubstExceedEQSInMixingZone	Substances Exceed EQS In Mixing Zone	no	restricted
SW Ecological Status - Table Description: Surface Water Ecological Status - table			Restricted
SWEcologicalStatus_ID	Row ID	no	restricted
EUSurfaceWaterBodyCode	EU SWB Code	yes	restricted
TargetStatusOrPotential	Target Status Or Potential	yes	restricted
EcoStatusOrPotentialValue	Eco Status or Potential	yes	restricted
SWEcologicalAssessYear	Ecological Assess Year	yes	restricted

SWEcologicalConfidence	Ecological Confidence	yes	restricted
Expec2015GoodEcoStatOrPoten	Expect 2015 Good Eco Stat or Pot	yes	restricted
GoodEcoStatOrPotAchievDate	Good Eco Stat or Pot Ach Date	no	restricted
SWEcoExemptionType	SW Eco Exemption Type	yes	restricted
SW Eco Exemption Pressure - Table Description: SW Ecological Exemption Pressure			Restricted
EUSurfaceWaterBodyCode	EU SWB Code	no	restricted
SWEcoExemptionPressure	SW Eco Exemption Pressure	no	restricted
SW Ecological Exemption Type - Table Description: SW Ecological Exemption Type			Restricted
EUSurfaceWaterBodyCode	EU SWB Code	yes	restricted
SWEcologicalExemptionType	SW Ecological Exemption Type	yes	restricted
SW Ecological Status QE - Table Description: Quality elements for defining SW Ecological Status			Restricted
EUSurfaceWaterBodyCode	EU SWB Code	yes	restricted
QE11PhytoplanktonSPValue	QE11 Phytoplankton SP Value	yes	restricted
QE12OtherAquaticFloraSPValue	QE12 Other Aquatic Flora SP Value	yes	restricted
QE121MacroalgaeSPlValue	QE121 Macro algae SP Value	yes	restricted
QE122AngiospermsSPValue	QE122 Angiosperms SP Value	yes	restricted
QE123MacrophytesSPValue	QE123 Macrophytes SP Value	yes	restricted
QE124PhytobenthosSPValue	QE124 Phytobenthos SP Value	yes	restricted
QE13MacroinvertebratesSPValue	QE13 Macroinvertebrates SP Value	yes	restricted
QE14FishSPValue	QE14 Fish SP Value	yes	restricted
QE21HydroOrTidalRegimeConSPV	QE21 Hydro Tidal Regime Con SP V	yes	restricted
QE22RiverContCondSPValue	QE22 River Cont Cond SP Value	yes	restricted
QE23MorphologicalCondSPValue	QE23 Morphological Cond SP Value	yes	restricted
QE311TransCondSPValue	QE311 Trans Cond SP Value	yes	restricted
QE312ThermalCondSPValue	QE312 Thermal Cond SP Value	yes	restricted
QE313OxygenationCondSPValue	QE313 Oxygenation Cond SP Value	yes	restricted
QE314SalinityCondSPValue	QE314 Salinity Cond SP Value	yes	restricted
QE315pHCondSPValue	QE315 pH Cond SP Value	yes	restricted
QE3161NitrogenCondSPValue	QE3161 Nitrogen Cond SP Value	yes	restricted
QE3162PhosphorusCondSPValue	QE3162 Phosphorus Cond SP Value	yes	restricted
QE33RiverBasinSpecPollSPValue	QE33 RB Spec Poll Status Value	yes	restricted
SWEcologicalStatus_QEX - Table Description: SW Ecological Status_QEX - Reporting of information for each Quality Element			Restricted
EUSurfaceWaterBodyCode	EU SWB Code	yes	restricted
EcologicalStatusQualityElemet	Eco Status Quality Element	yes	restricted
QEMonitoringResults	QE Monitoring Results	no	restricted
QEMonitoringPeriod	QE Monitoring Period	no	restricted
QEStatusOrPotentialChange	QE Status or Potential Change	no	restricted
QEStatusOrPotComparability	QE Status or Pot Comparability	no	restricted
QEEcologicalExemptionType	QE Ecological Exemption Type	yes	restricted
SWQEEcologicalExemptionType – Table Description: QE Ecological Exemption Type			Restricted
EUSurfaceWaterBodyCode	EU Surface Water Body Code	yes	restricted
QEEcologicalExemptionType	QE Eco Exemption Type	yes	restricted
SWQEGrouping - Table Description: QE Grouping – EU Surface Water Body Codes of grouped WB			Restricted
EUSurfaceWaterBodyCode	EU Surface Water Body Code	yes	restricted
QEGrouping	QE Group EU SWB Codes	no	restricted
SW Failing RBSP - Table Description: SW Failing River Basin Specific Pollutants			Restricted
EUSurfaceWaterBodyCode	EU SWB Code	no	restricted
SWFailingRBSP	SW Failing RBSP	no	restricted
SW Pressures And Impacts - Table Description: Surface Water Pressures and Impacts - table			Restricted
SWPressuresAndImpacts_ID	Row ID	no	restricted
EUSurfaceWaterBodyCode	EU SWB Code	yes	restricted
SWSignificantPressureTypes	SW Significant Pressure Types	yes	restricted
SWOtherPressureDesc	SW Other Pressure Description	no	restricted
SWSignificantImpactTypes	SW Significant Impact Types	yes	restricted
SWOtherImpactDescription	SW Other Impact Description	no	restricted
SW Significant Impact Types - Table Description: SW Significant Impact Types - table			Restricted
EUSurfaceWaterBodyCode	EU SWB Code	yes	restricted
SWSignificantImpactTypes	SW Significant Impact Types	yes	restricted

SW Significant Pressure Types - Table			Restricted
Description: SW Significant Pressure Types - table			
EUSurfaceWaterBodyCode	EU SWB Code	yes	restricted
SWSignificantPressureTypes	SW Significant Pressure Types	yes	restricted
SW Hydro Morphological Alteration - Table			Restricted
Description: SW Hydro-Morphological Alteration			
EUSurfaceWaterBodyCode	EU SWB Code	no	restricted
HydrologicalAlteration	Hydrological Alteration	no	restricted
MorphologicalAlteration	Morphological Alteration	no	restricted
HydroMorphologicalRisk	Hydro-Morphological Risk	no	restricted
Long Hab Cont Interr - Point			Restricted
Description: Longitudinal and Habitat Continuity Interruption (dams, weirs)			
LHCI_ID	Continuity Interruption ID	no	restricted
EUCD_LHCI	EU Continuity Interruption code	yes	restricted
MSCD_LHCI	National Continuity Interruption code	yes	restricted
EUCD_SB	EU Sub basin code	no	restricted
EUCD_RWB	EU RWB Code	yes	restricted
NAME	Name	no	restricted
LONGITUDE	Longitude	yes	restricted
LATITUDE	Latitude	yes	restricted
LO_IN_TYPE	Type of Interruption	yes	restricted
US_LO_IN_1	First (main) usage	yes	restricted
US_LO_IN_2	Second usage	yes	restricted
US_LO_IN_3	Third usage	yes	restricted
FISH_AID	Fish aid	yes	restricted
WAT_L_DIFF	Water level difference (m)	yes	restricted
CONT_MEAS	Measure implementation	no	restricted
Hydro Power Plant - Point			Restricted
Description: Hydro Power Plant - existing			
HPP_ID	HPP ID	no	restricted
NAME	Name	yes	restricted
EUCD_HPP	EU HPP code	yes	restricted
MSCD_HPP	National HPP code	yes	restricted
LONGITUDE	Longitude	yes	restricted
LATITUDE	Latitude	yes	restricted
EUCD_SB	EU Sub basin code	yes	restricted
EUCD_RWB	EU RWB code	yes	restricted
FISH_AID	Fish aid	no	restricted
CAPACITY	Capacity (MW)	no	restricted
CAP_CLASS	Capacity class	yes	restricted
Waterway - Line			Unclassified
Description: Waterway - existing			
WW_ID	Waterway ID	no	restricted
EUCD_WW	EU Waterway code	yes	unclassified
MSCD_WW	National Waterway code	yes	unclassified
RIVER	River	yes	unclassified
FROM_KM	From km	no	unclassified
TO_KM	To km	no	unclassified
LOC_FROM	Location from	no	unclassified
LOC_TO	Location to	no	unclassified
LENGTH_KM	Length (km)	yes	unclassified
WWCLASS	Waterway class	yes	unclassified
EUCD_SB	EU Sub basin code	no	unclassified
Future Infrastructure Project – Polygon/Line/Point			Restricted
Description Future infrastructure project – Addresses flood protection, hydropower, navigation and other river engineering projects			
FIP_A_ID	Unique ID	no	restricted
EUCD_FIP	EU FIP Code	yes	restricted
MSCD_FIP	National FIP Code	yes	restricted
EUCD_TFIP	EU Transboundary FIP Code	no	restricted
EUCD_SB	EU Sub Basin Code	yes	restricted
EUCD_BODY	EU Water Body Code	yes	restricted
EUCD_RIV	EU River Code	yes	restricted
LONGITUDE	Longitude	yes	restricted
LATITUDE	Latitude	yes	restricted
PROJ_STAT	Project Status	yes	restricted
YR_STAR_IM	Year Start Implementation	yes	restricted
FI_PURP_1	First Purpose	yes	restricted
FI_PURP_2	Second Purpose	no	restricted
FI_PURP_3	Third Purpose	no	restricted

Field	Alias name	Mandatory	Accessibility
DESCR_PR	Infrastructure project	yes	restricted
EXP_DETER	Expected Deterioration	yes	restricted
TRANS_IMP	Transboundary Impact	yes	restricted
SEA	Strategic Environmental Assessment	yes	restricted
EIA	Environmental Impact Assessment	yes	restricted
EXEMP	Exemptions by WFD Article 4.7	yes	restricted
RES_NA_BOD	Responsible Nat. Implementation Body	yes	restricted
CONTAC_BOD	Contacts	yes	restricted
FIP_NAME	Future infrastructure project Name	yes	restricted
LOC_NAME	Location Name	no	restricted

II.1.3. Ground Water Body dataset

Field	Alias name	Mandatory	Accessibility
GWB - Polygon Description: Groundwater Body			Unclassified
GWB_ID	GWB ID	no	restricted
EU_CD_GW	EU GWB Code	yes	unclassified
MS_CD_GW	National GWB Code	yes	unclassified
HORIZON	Horizon	yes	unclassified
CD_POLYGON	EU GWB Code - Horizon	no	unclassified
GWCharacterisation - Table Description: Groundwater Characterisation - table			Unclassified
GWCharacterisation_ID	Row ID	no	restricted
EUGroundwaterBodyCode	EU GWB Code	yes	unclassified
MSGroundwaterBodyCode	National GWB Code	yes	unclassified
EURBDCode	EU RBD Code	yes	unclassified
EUSubUnitCode	EU Sub-unit Code	no	unclassified
GWBBeginLifespanVersion	Version date	yes	restricted
GroundwaterBodyChanges	GWB Changes	yes	restricted
TypeGroundwaterBodyChanges	GWB Changes Type	yes	restricted
GroundwaterBodyName	Groundwater Body Name	yes	unclassified
GroundwaterBodyNameNL	Groundwater Body NL Name	yes	restricted
GroundwaterBodyNameNLL	National Language	yes	restricted
GWBBeginDesignationPeriod	GWB Begin Designation Period	no	restricted
GWBEndDesignationPeriod	GWB End Designation Period	no	restricted
GroundwaterBodyLongitude	GWB Longitude	yes	restricted
GroundwaterBodyLatitude	GWB Latitude	yes	restricted
Layered	Layered	yes	restricted
GroundwaterBodyArea	GWB Area (km2)	yes	unclassified
GroundwaterBodyScale	GWB Scale	no	restricted
GWBScaleExplanation	GWB Scale Explanation	no	restricted
LinkSurfaceWaterBodies	Link to Surface Water Bodies	yes	restricted
LinkTerrestrialEcosystems	Link Terrestrial Ecosystems	yes	restricted
GeologicalFormation	Geological Formation	yes	restricted
GroundwaterBodyTransboundary	GWB Transboundary	yes	unclassified
GWBLinkToMSInformation	GWB Link to information	no	restricted
GWAssociatedProtectedArea	GW Associated Protected Area	yes	restricted
GW2010EUGroundwaterBodyCode – Table Description: EU GWB Codes reported in RBMP in 2010			Restricted
EUGroundwaterBodyCode	EU GWB Code	yes	restricted
EUGroundwaterBodyCode2010	EU GWB Code 2010	no	restricted
GWLinkSurfaceWaterBodyCodes - Table Description: GW Link to Surface Water Body Codes			Restricted
EUGroundwaterBodyCode	EU GWB Code	yes	restricted
EUSurfaceWaterBodyCode	EU Surface Water Body Code	no	restricted
GWChemicalStatus - Table Description: GW Chemical Status			Restricted
GWChemicalStatus_ID	Row ID	no	restricted
EUGroundwaterBodyCode	EU GWB Code	yes	restricted
GWBAtRiskChemical	GWB At Risk Chemical	yes	restricted
GWEORiskChemical	GW EO Risk Chemical	no	restricted
GWChemicalStatusValue	GW Chemical Status Value	yes	restricted
GWChemicalAssessmentYear	GW Chemical Assessment Year	yes	restricted
GWChemicalConfidence	GW Chemical Confidence	yes	restricted
GWExpected2015GoodChemStatus	Expected 2015 Good Chemical Stat	yes	restricted
GWGoodChemStatAchievDate	Good Chemical Status Achieve Date	no	restricted
BackgrNatSubstancesSet	Background Nat Substances Set	yes	restricted

UpwardTrend	Upward Trend	yes	restricted
TrendReversal	Trend Reversal	yes	restricted
GWBackgrOthNatSubstances - Table Description: Groundwater Background Other Natural Substances			Restricted
EUGroundwaterBodyCode	EU Groundwater Body Code	yes	restricted
BackgrOthNatlSubstances	Background Other Nat Substances	no	restricted
BackgrOthNatSubstanLevel	Background Other Nat Substances Level	yes	restricted
BackgrOthNatSubstaUnits	Background Other Nat Substances Units	yes	restricted
GWBackgroundNaturalSubstances - Table Description: Groundwater Background Natural Substances			Restricted
EUGroundwaterBodyCode	EU Groundwater Body Code	yes	restricted
BackgroundNaturalSubstances	Background Natural Substances	no	restricted
BackgrNatSubstanLevel	Background Natural Substances Level	yes	restricted
BackgrNatSubstanUnits	Background Nat Substances Units	yes	restricted
GWChemicalExemptionPressure - Table Description: GW Chemical Exemption Pressure			Restricted
EUGroundwaterBodyCode	EU Groundwater Body Code	yes	restricted
GWChemicalExemptionPressure	GW Chemical Exemption Pressure	no	restricted
GWChemicalExemptionType - Table Description: GW Chemical Exemption Type			Restricted
EUGroundwaterBodyCode	EU Groundwater Body Code	yes	restricted
GWChemicalExemptionType	GW Chemical Exemption Type	yes	restricted
GWChemicalReasonsForFailure - Table Description: GW Chemical Reasons for Failure			Restricted
EUGroundwaterBodyCode	EU Groundwater Body Code	yes	restricted
GWChemlReasonsForFailure	GW Chemical Reasons Failure	no	restricted
GWPollutantCausingRisk - Table Description: GW Pollutant Causing Risk			Restricted
EUGroundwaterBodyCode	EU Groundwater Body Code	yes	restricted
GWPollutantCausingRisk	GW Pollutant Causing Risk	no	restricted
GWPollutantsCausingFailure - Table Description: GW Pollutants Causing Failure			Restricted
EUGroundwaterBodyCode	EU Groundwater Body Code	yes	restricted
GWPollutantsCausingFailure	GW Pollutants Causing Failure	no	restricted
GWOtherRelevantPollutantRisk - Table Description: Other Relevant GW Pollutant Risk			Restricted
EUGroundwaterBodyCode	EU Groundwater Body Code	yes	restricted
OtherRelevantGWPollutantRisk	Other Relevant GW Pollutant Risk	no	restricted
GWOthPollutCausingFailure - Table Description: GW Other Pollutants Causing Failure			Restricted
EUGroundwaterBodyCode	EU Groundwater Body Code	yes	restricted
GWOthPollutCausFailure	GW Other Pollutants	no	restricted
GWPollutExceedNotCounted - Table Description: GW Pollutant Exceed Not Counted			Restricted
EUGroundwaterBodyCode	EU Groundwater Body Code	yes	restricted
GWPollutExceedNotCounted	GW Pollutant Exceed Not Counted	yes	restricted
GWOthPollutExceedNotCount - Table Description: GW Other Pollutants Exceedances Not Counted			Restricted
EUGroundwaterBodyCode	EU Groundwater Body Code	yes	restricted
GWOthPollutExceedNotCount	GW Other Pollutants Exceed Not Count	no	restricted
GWTrendReversalPollutant - Table Description: GW Trend Reversal Pollutant			Restricted
EUGroundwaterBodyCode	EU Groundwater Body Code	yes	restricted
TrendReversalPollutant	Trend Reversal Pollutant	no	restricted
GWTrendReversalOtherPollutant - Table Description: GW Trend Reversal Other Pollutant			Restricted
EUGroundwaterBodyCode	EU Groundwater Body Code	yes	restricted
TrendReversalOtherPollutant	Trend Reversal Other Pollutant	no	restricted
GWUpwardTrendPollutant - Table Description: GW Upward Trend Pollutant			Restricted
EUGroundwaterBodyCode	EU Groundwater Body Code	yes	restricted
UpwardTrendPollutant	Upward Trend Pollutant	no	restricted
GWUpwardTrendOtherPollutant - Table Description: GW Upward Trend Other Pollutant			Restricted
EUGroundwaterBodyCode	EU Groundwater Body Code	yes	restricted
UpwardTrendOtherPollutant	Upward Trend Other Pollutant	no	restricted

GWQuantitativeStatus - Table Description: GW Quantitative Status - table			Restricted
GWQuantitativeStatus_ID	Row ID	no	restricted
EUGroundwaterBodyCode	EU GWB Code	yes	restricted
GWBAtRiskQuantitative	GWB At Risk Quantitative	yes	restricted
GWEORiskQuantitative	GW EO Risk Quantitative	no	restricted
GWQuantitativeStatusValue	GW Quantitative Status Value	yes	restricted
GWQuantitativeAssessmentYear	GW Quantitative Assessment Year	yes	restricted
GWQuantitativeConfidence	GW Quantitative Confidence	yes	restricted
Expected2015GoodQuantStatus	Expected 2015 Good Quantitative Status	yes	restricted
GoodQuanStatAchievDate	Good Quant Status Achieve Date	no	restricted
GWQuantitativeExemptionType	GW Quantitative Exemption Type	yes	restricted
GWQuantitativeExemptionPressure - Table Description: GW Quantitative Exemption Pressure			Restricted
EUGroundwaterBodyCode	EU Groundwater Body Code	yes	restricted
SWEcologicalExemptionPressure	SW Ecological Exemption Pressure	yes	restricted
GWQuantitativeExemptionType - Table Description: GW Quantitative Exemption Type			Restricted
EUGroundwaterBodyCode	EU Groundwater Body Code	yes	restricted
GWQuantExemptionType	GW Quantitative Exemption Type	yes	restricted
GWQuantitativeReasonsForFailure - Table Description: GW Quantitative Reasons for Failure			Restricted
EUGroundwaterBodyCode	EU Groundwater Body Code	yes	restricted
GWQuantReasonsForFailure	GW Quantitative Reasons for Failure	no	restricted
GWReasonsForRiskQuantitative - Table Description: GW Reasons for Risk Quantitative			Restricted
EUGroundwaterBodyCode	EU Groundwater Body Code	yes	restricted
GWReasonsForRiskQuant	GW Reasons for Risk Quant	no	restricted
GWPressuresAndImpacts - Table Description: Groundwater Pressures and Impacts - table			Restricted
GWPressuresAndImpacts_ID	Row ID	no	restricted
EUGroundwaterBodyCode	EU GWB Code	yes	restricted
GWSignificantPressureTypes	GW Significant Pressure Types	yes	restricted
GWOtherPressureDescription	GW Other Pressure	no	restricted
GWSignificantImpactTypes	GW Significant Impact Types	yes	restricted
GWOtherImpactDescription	SW Other Impact Description	no	restricted
GWSignificantPressureTypes - Table Description: GW Significant Pressure Types			Restricted
EUGroundwaterBodyCode	EU Groundwater Body Code	yes	restricted
GWSignificantPressureTypes	GW Significant Pressure Types	yes	restricted
GWSignificantImpactTypes - Table Description: GW Significant Impact Types			Restricted
EUGroundwaterBodyCode	EU GWB Code	yes	restricted
GWSignificantImpactTypes	GW Significant Impact Types	yes	restricted

II.1.4. Protected Area dataset

Field	Alias name	Mandatory	Accessibility
Protected Area – Polygon/Point Description: Protected Area represented as polygon			Unclassified
PA_A_ID	Polygon ID	no	restricted
EU_CD_PA	EU Protected Area Code	yes	unclassified
PA_TYPE	Protected Area Type	yes	unclassified
SYMB_COMB	Symbol	no	unclassified
Protected Area - Table Description: Protected Areas			Unclassified
ProtectedArea_ID	Row ID	no	restricted
EUProtectedAreaCode	EU Protected Area Code	yes	unclassified
MSProtectedAreaCode	National Protected Area Code	yes	unclassified
PA_INSPIRECode	INSPIRE PA Code	no	unclassified
ProtectedAreaName	Protected Area Name	yes	unclassified
ProtectedAreaNameNL	Protected Area Name NL	yes	restricted
ProtectedAreaNameNLL	National Language Code	yes	restricted
PA_BeginDesignationPeriod	PA Begin Designation Period	no	restricted
PA_EndDesignationPeriod	PA End Designation Period	no	restricted
ProtectedAreaLongitude	Longitude	yes	restricted
ProtectedAreaLatitude	Latitude	yes	restricted
ProtectedAreaSize	Protected Area size (km2)	yes	unclassified

ProtectedAreaLength	Protected Area length (km)	no	unclassified
PA_LinkToMSInformation	PA Link to Information	no	restricted
Protected Area Legislation Reference - Table Description: Protected Area Legislation Reference			Restricted
EUProtectedAreaCode	EU Protected Area Code	yes	restricted
Subject	Subject	yes	restricted
DocumentName	Document Name	yes	restricted
Bookmark	Bookmark	yes	restricted
FileName	File Name	no	restricted
Hyperlink	Hyperlink	no	restricted
SW Protected Area - Table Description: Surface Water Protected Areas - table; PA associated with surface water			Unclassified
SWProtectedAreas_ID	Row ID	no	restricted
EUProtectedAreaCode	EU Protected Area Code	yes	unclassified
EUSurfaceWaterBodyCode	EU SWB Code	no	unclassified
SWTypeOfAssociation	SW Type Of Association	no	unclassified
SWTypeOfProtectedArea	SW Type Of Protected Area	no	unclassified
SWOtherTypeOf_PA	SW Other Type Of PA	no	restricted
SWHabitatsBirdsPAObjective	SW Habitats Birds PA Objective	no	restricted
SWShellfishPAObjective	SW Shellfish PA Objective	no	restricted
SWDrinkingWaterPAObjective	SW Drinking Water PA Objective	no	restricted
SWStatusHabitatsBirdsPA	SW Status Habitats Birds PA	no	restricted
SWStatusShellfishPA	SW Status Shellfish PA	no	restricted
SWStatusDrinkingWaterPA	SW Status Drinking Water PA	no	restricted
CommentSW_PA	Comment SW PA	no	restricted
SW Protected Area Exemptions - Table Description: SW Protected Area Exemptions			Restricted
EUProtectedAreaCode	EU Protected Area Code	yes	restricted
SWEcologicalExemptionType	SW Eco Exemption Type	no	restricted
GW Protected Areas - Table Description: Groundwater Protected Areas - table; PA associated with groundwater			Unclassified
GWProtectedAreas_ID	Row ID	no	restricted
EUProtectedAreaCode	EU Protected Area Code	yes	unclassified
EUGroundwaterBodyCode	EU GWB Code	no	unclassified
GWTypeOfAssociation	GW Type Of Association	no	unclassified
GWTypeOfProtectedArea	GW Type Of Protected Area	no	unclassified
GWOtherTypeOfPA	GW Other Type PA	no	restricted
GWHabitatsBirdsPAObjective	GW Habitats Birds PA Objective	no	restricted
GWDrinkingWaterPAObjective	GW Drinking Water PA Objective	no	restricted
GWStatusHabitatsBirdsPA	GW Status Habitats Birds PA	no	restricted
GWStatusDrinkingWaterPA	GW Status Drinking Water PA	no	restricted
CommentGWProtectedArea	Comment GW Protected Area	no	restricted
GW Protected Area Exemptions - Table Description: GW Protected Area Exemptions			Restricted
EUProtectedAreaCode	EU Protected Area Code	yes	restricted
GWEcologicalExemptionType	GW Ecological Exemption Type	no	restricted

II.1.5. Monitoring dataset

Field	Alias name	Mandatory	Accessibility
SW Monitoring Site - Point Description: Surface Water Monitoring Site			Unclassified
SW_ST_ID	Point ID	no	restricted
EUCD_SWST	EU SW Monitoring Site Code	no	unclassified
MSCD_SWST	National SW Monitoring Site Code	no	unclassified
EUCD_BODY	EU Water Body Code	no	unclassified
EUCD_RB	River Basin Code	no	unclassified
EUCD_RBD	EU RBD Code	no	unclassified
SW Monitoring - Table Description: SW Monitoring			Unclassified
SWMonitoring_ID	Row ID	no	restricted
EUSWMonitoringSiteCode	EU SW Monitoring Station Code	yes	unclassified
MSSWMonitoringSiteCode	National SW Monitoring Station Code	yes	unclassified
SWEIONETSite	Part of the EIONET	yes	unclassified
SWEIONETCode	EIONET code	no	unclassified
NewSWMonitoringSite	New SW Monitoring Site	yes	unclassified
OldSWMonitoringSite	Old SW Monitoring Site	yes	unclassified
SWMonSiteBeginLifespanVersion	Version date	yes	unclassified

Longitude	Longitude	yes	restricted
Latitude	Latitude	yes	restricted
SWMonitoringSiteName	SW Monitoring Site Name	yes	unclassified
SWMonitoringSiteNameNL	SW Monitoring Site NL Name	yes	restricted
SWMonitoringSiteNameNLL	National Language	yes	restricted
SWMonitoringSiteBeginActivity	SW Monitoring Site Begin Activity	no	unclassified
SWMonitoringSiteEndActivity	SW Monitoring Site End Activity	no	unclassified
EUSurfaceWaterBodyCode	EU Surface Water Body Code	yes	unclassified
SWMonitoringSiteLinkToMSInfo	SW Mon Site Link To Info	no	restricted
SWChemSubstanceMonitored	SW Chemical Substance Monitored	yes	unclassified
SW Monitoring EU Programme Code - Table Description: EU SW Monitoring Programme Code			Restricted
EUSWMonitoringSiteCode	EU SW Monitoring Site Code	yes	restricted
EUProgrammeCode	EU Programme Code	yes	restricted
SW Monitoring Quality Element Code - Table Description: SW Monitoring- Quality Element Code			Restricted
EUSWMonitoringSiteCode	EU SW Monitoring Station Code	yes	restricted
QualityElementCode	Quality Element Code	yes	restricted
OtherQECode	Other QE Code	no	restricted
QEFrequency	QE Frequency	yes	restricted
QECycle	QE Cycle	yes	restricted
QELastMonitored	QE Last Monitored	yes	restricted
SW Monitoring Purpose - Table Description: SW Monitoring Purpose			Unclassified
EUSWMonitoringSiteCode	EU SW Monitoring Site Code	yes	unclassified
SWMonitoringPurpose	SW Monitoring Purpose	yes	unclassified
SW Monitoring Old Site Code - Table Description: Old SW Monitoring Site Code(s)			Restricted
EUSWMonitoringSiteCode	EU SW Monitoring Site Code	yes	restricted
OldSWMonitoringSiteCode	Old SW Monitoring Site Code	no	restricted
SW Monitoring Chemical Substance - Table Description: SW Monitoring Chemical Substance			Restricted
EUSWMonitoringSiteCode	EU SW Monitoring Station Code	yes	restricted
SWChemicalSubstance	SW Chemical Substance	no	restricted
SWChemicalFrequency	SW Chemical Frequency	no	restricted
SWChemicalCycle	SW Chemical Cycle	no	restricted
SWChemicalLastMonitored	SW Chemical Last Monitored	no	restricted
SWChemicalMatrixPurpose - Table Description: SW Chemical Matrix Purpose			Restricted
EUSWMonitoringSiteCode	EU SW Monitoring Station Code	yes	restricted
SWChemicalSubstance	SW Chemical Substance	no	restricted
SWChemicalMatrixPurpose	SW Chemical Matrix Purpose	no	restricted
GW Monitoring Site - Point Description: Groundwater Monitorig Sites			Unclassified
GWST_ID	Point ID	no	restricted
EUCD_GWST	EU GW Monitoring Site Code	no	unclassified
MSCD_GWST	National GW Monitoring Site Code	no	unclassified
EUCD_GWB	EU Ground Water Body Code	no	unclassified
EUCD_RB	EU River Basin Code	no	unclassified
GW Monitoring - Table Description: GW Monitoring			Unclassified
GWMonitoring_ID	Row ID	no	restricted
EUGWMonitoringSiteCode	EU GW Monitoring Station Code	yes	unclassified
MSGWMonitoringSiteCode	National GW Monitoring Station Code	yes	restricted
GWEIONETSite	Part of the EIONET	yes	unclassified
GWEIONETCode	EIONET code	no	unclassified
NewGWMonitoringSite	New GW Monitoring Site	yes	unclassified
OldGWMonitoringSite	Old GW Monitoring Site	yes	unclassified
GWMonSiteBeginLifespanVersion	Version date	yes	unclassified
GWMonitoringSiteLongitude	GW Monitoring Site Longitude	yes	restricted
GWMonitoringSiteLatitude	GW Monitoring Site Latitude	yes	restricted
GWMonitoringSiteName	GW Monitoring Site Name	yes	unclassified
GWMonitoringSiteNameNL	GW Monitoring Site NL Name	yes	restricted
GWMonSiteNameNLLanguage	National Language	yes	restricted
GWMonSiteBeginOperActivity	GW Mon Site Begin Activity	no	unclassified
GWMonSiteEndOperActivity	GW Mon Site End Activity	no	unclassified
EUGroundwaterBodyCode	EU GWB Code	yes	unclassified
WellSpring	GW Site Type	yes	unclassified
Depth	Groundwater layer sampling	yes	restricted
GWMonitoringSiteLinkToMSInformation	GW Mon Site Link To Information	no	restricted

Quantitative	Quantitative monitoring (Yes/No)	yes	unclassified
QuantitativeFrequency	Quantitative Frequency	no	restricted
QuantitativeCycle	Quantitative Cycle	no	restricted
QuantitativeLastMonitored	Quantitative Last Monitored	yes	restricted
GWChemicalSurveillance	GW Chemical Surveillance (Yes/No)	yes	unclassified
GWChemicalOperational	GW Chemical Operational (Yes/No)	yes	unclassified
GW Monitoring EU Programme Code - Table Description: EU GW Monitoring Programme Code			Restricted
EUGWMonitoringSiteCode	EU GW Monitoring Site Code	yes	restricted
EUProgrammeCode	EU Programme Code	yes	restricted
GW Monitoring Purpose - Table Description: GW Monitoring Purpose			Unclassified
EUGWMonitoringSiteCode	EU GW Monitoring Site Code	yes	unclassified
GWMonitoringPurpose	GW Monitoring Purpose	yes	unclassified
GW Old Monitoring Site Code - Table Description: Old GW Monitoring Site Code(s)			Restricted
EUGWMonitoringSiteCode	EU GW Monitoring Site Code	yes	restricted
OldGWMonitoringSiteCode	Old GW Monitoring Site Code	no	restricted
GW Parameter - Table Description: GW Parameter			Restricted
EUGWMonitoringSiteCode	EU GW Mon Station Code	no	restricted
GWChemicalParameterCode	GW Chemical Parameter Code	no	restricted
GWOtherChemicalParameterCode	GW Other Chemical Parameter Code	no	restricted
GWChemicalFrequency	GW Chemical Frequency	no	restricted
GWChemicalCycle	GW Chemical Cycle	no	restricted
GWChemicalLastMonitored	GW Chemical Last Monitored	no	restricted
GWChemicalParameterPurpose	GW Chemical Parameter Purpose	no	restricted
Monitoring - Table Description: Monitoring in RBD - table			Unclassified
Monitoring_ID	Row ID	no	restricted
EURBDCode	EU RBD Code	yes	unclassified
EUProgrammeCode	EU Programme Code	yes	unclassified
MSProgrammeCode	National Programme Code	yes	unclassified
ProgrammeName	Programme Name	yes	unclassified
ProgrammeNameNL	Programme Name NL	yes	restricted
ProgrammeNameNLL	National Language	yes	restricted
ProgrammeBeginActivity	Programme Begin Activity	no	unclassified
ProgrammeEndActivity	Programme End Activity	no	unclassified
Monitoring Programme Category - Table Description: Monitoring Programme Category			Unclassified
EUProgrammeCode	EU Programme Code	yes	unclassified
ProgrammeCategory	Programme Category	yes	unclassified
Monitoring Programme Purpose – Table Description: Monitoring Programme Purpose			Unclassified
EUProgrammeCode	EU Programme Code	yes	unclassified
MonitoringProgrammePurpose	Monitoring Programme Purpose	yes	unclassified
Monitoring Programme Reference - Table Description: Monitoring Programme Reference			Restricted
EUProgrammeCode	EU Programme Code	yes	restricted
Subject	Subject	yes	restricted
DocumentName	Document Name	yes	restricted
Bookmark	Bookmark	yes	restricted
FileName	File Name	no	restricted
Hyperlink	Hyperlink	no	restricted

II.1.6. Urban Waste Water dataset

Field	Alias name	Mandatory	Accessibility
PRTR_Facility - Point Description: The European Pollutant Release and Transfer Register (E-PRTR), Facility locations - point			Unclassified
FACIL_P_ID	Point ID	no	restricted
EUCD_PRTR	EPRTR Report Code	yes	unclassified
EUCD_FACIL	EU Facility Code	yes	unclassified
PRTR_Facility - Table Description: The European Pollutant Release and Transfer Register (E-PRTR); PRTR Facility - table			Unclassified
FACIL_ID	Row ID	no	restricted
EUCD_PRTR	EPRTR Report Code	yes	unclassified

EUCD_FACIL	EU Facility Code	yes	unclassified
MSCD_FACIL	National Facility Code	yes	unclassified
PAR_COMP	Parent Company Name	no	unclassified
NAME	Facility Name	yes	unclassified
STREET	Street Name	no	restricted
BUILDING	Building Number	no	restricted
CITY	City	yes	restricted
POSTAL_CD	Postal Code	no	restricted
LONGITUDE	Longitude	yes	restricted
LATITUDE	Latitude	yes	restricted
MIASEC_CD	Main IA Sector Code	yes	unclassified
MIAACT_CD	Main IA Activity Code	yes	unclassified
PRTR_Report - Table Description: The European Pollutant Release and Transfer Register (E-PRTR); PRTR Report - table			**Restricted**
REPORT_ID	Row ID	no	restricted
EUCD_PRTR	EPRTR Report Code	yes	restricted
MSCD_PRTR	National PRTR Code	yes	restricted
REF_YR	Report Year	yes	restricted
REP_DAT	Report Release Date	yes	restricted
COORD_SYST	Coordinate System Name	yes	restricted
PRTR_PollutantRelease - Table Description: The European Pollutant Release and Transfer Register (E-PRTR); PRTR Pollutant Release - table			**Restricted**
RELEASE_ID	Row ID	no	restricted
EUCD_PRTR	EPRTR Report Code	yes	restricted
EUCD_FACIL	EU Facility Code	yes	restricted
REL_MED_CD	Release Medium	yes	restricted
POLL_GR_CD	Pollutant Group Code	yes	restricted
POLL_CD	Pollutant Code	yes	restricted
POLL_CAS	Pollutant CAS	yes	restricted
TOT_QUANT	Total Yearly Quantity	yes	restricted
ACC_QUANT	Accidental Quantity	no	restricted
UNIT_CD	Unit Code	yes	restricted
UWW Agglo – Polygon Description: Urban Waste Water Agglomeration - polygon			**Unclassified**
AGGLO_A_ID	Polygon ID	no	restricted
EUCD_REP	UWW Report ID	yes	unclassified
EUCD_AGGLO	EU Agglomeration Code	yes	unclassified
UWW Agglo - Table Description: Urban Waste Water Agglomeration			**Unclassified**
AGGLO_ID	Row ID	no	restricted
EUCD_REP	UWW Report Code	yes	unclassified
EUCD_AGGLO	EU Agglomeration Code	yes	unclassified
MSCD_AGGLO	National Agglomeration Code	yes	unclassified
NAME	Agglomeration Name	yes	unclassified
LONGITUDE	Longitude	yes	restricted
LATITUDE	Latitude	yes	restricted
GEN_LOAD	Generated load (PE)	yes	restricted
RATE_COLL	Rate loads sewer (% of PE)	yes	restricted
RATE_COCO	Rate combined sewer (% PE)	yes	restricted
RATE_COSE	Rate separated sewer (% PE)	yes	restricted
RATE_IAS	Rate loads IAS (% PE)	yes	restricted
RATE_NOTCO	Rate collected loads (% PE)	yes	restricted
PER_OVER	UWWTD deadline	no	restricted
UWW Report - Table Description: Urban Waste Water Report - table			**Restricted**
REPORT_ID	Row ID	no	restricted
EUCD_REP	EU Report Code	yes	restricted
MSCD_REP	National Report Code	yes	restricted
REF_YR	Report Year	yes	restricted
REP_DAT	Report Release Date	yes	restricted
COORD_SYST	Coordinate System Name	yes	restricted
UWW DP - Point Description: Discharge location of Urban Waste Water - point			**Unclassified**
DP_P_ID	Point ID	no	restricted
EUCD_REP	UWW Report Code	yes	unclassified
EUCD_DCP	EU Code of discharge point	yes	unclassified
EUCD_UWWTP	EU UWWTP Code	yes	unclassified
UWW Discharges - Table Description: Urban waste water discharges - table			**Unclassified**
UWWD_ID	Row ID	no	restricted

EUCD_DCP	EU Code of discharge point	yes	unclassified
REFERENCE	Reference Year	yes	unclassified
PE	Personal equivalent	no	unclassified
PE_CLASS	PE size class	yes	unclassified
COLL	Collection (%)	no	unclassified
COLL_CLASS	Collection percent class	yes	unclassified
TREAT_TYPE	Treatment type	yes	unclassified
UWW DP - Table Description: Discharge location of UWW - Table			Unclassified
UWW_DP_ID	Row ID	no	restricted
EUCD_REP	UWW Report Code	yes	restricted
EUCD_DCP	EU Code of discharge point	yes	unclassified
MSCD_DCP	National Code of discharge point	yes	unclassified
NAME	Name of discharge point	no	unclassified
EUCD_UWWTP	Code of UWWTP	yes	unclassified
EUCD_RWB	EU SWB Code - River	yes	unclassified
TNMN_CD	SW station or TNMN station EU code	yes	unclassified
LONGITUDE	Longitude	yes	restricted
LATITUDE	Latitude	yes	restricted
DP_VOL	Q in m3/y	yes	restricted
DP_BOD	BOD5 in t/a	yes	restricted
DP_COD	COD in t/a	yes	restricted
DP_TN	TN in t/a	yes	restricted
DP_TP	TP in t/a	yes	restricted
UWW TP - Table Description: Urban Waste Water Treatment Plant or collecting system without treatment			Unclassified
UWW_TP_ID	Row ID	no	restricted
EUCD_REP	UWW Report Code	yes	restricted
EUCD_UWWTP	EU Code of UWWTP	yes	unclassified
MSCD_UWWTP	National Code of UWWTP	yes	unclassified
NAME	Name of UWWTP	yes	unclassified
UWWTP_CONN	UWWTP in operation	yes	restricted
UW_ODC	Design capacity (PE)	yes	restricted
UW_LOAD	Current load (PE)	yes	restricted
TR_PRIM	Primary treatment	yes	restricted
TR_SEC	Secondary treatment	yes	restricted
TR_TERT_N	N-removal	yes	restricted
TR_TERT_P	P-removal	yes	restricted
TR_UV	UV treatment	yes	restricted
TR_CH	Chlorination	yes	restricted
TR_OZ	Ozonation	yes	restricted
TR_SF	Sand filtration	yes	restricted
TR_MF	Micro filtration	yes	restricted
TR_OTH	Other treatment	yes	restricted
UW_ID_PRTR	EPRTR Facility Code UWWTP	no	restricted
UWW TP Agglo - Table Description: Link table between Agglomeration and UWW Treatment system (table for relation many to many)			Restricted
EUCD_REP	UWW Report Code	yes	restricted
EUCD_UWWTP	Code of UWWTP	yes	restricted
EUCD_AGGLO	EU Agglomeration Code	yes	restricted
RATE_COLL	Rate UWWTP load (% PE)	yes	restricted
RATE_IAS	Rate UWWTP by trucks (% PE)	yes	restricted

ANNEX II.2: Datasets related to the flood risk management

II.2.1. Competent Authority dataset

Field	Alias name	Mandatory	Accessibility
FRM Competent Authority – Polygon Description: Competent Authority area			Unclassified
CA_ID	Polygon ID	no	restricted
EUCACode	EU CA Code	yes	unclassified
MSCACode	National CA Code	yes	unclassified
CA_Name	Competent Authority Name	yes	unclassified
CA_NameNL	Competent Authority Name NL	yes	restricted
CA_NameNLLanguage	National Language Code	yes	restricted
LinkToCompetentAuthority	Link To Competent Authority	yes	unclassified
Acronym	Acronym	no	unclassified
Street	Street	no	unclassified
City	City	no	unclassified
CityNL	City NL	no	unclassified
Country_EN	Country	no	unclassified
Postcode	Postcode	no	unclassified
CA_URL	CA URL	no	unclassified
CA_BeginDesignationPeriod	CA Begin Designation Period	no	restricted
CA_EndDesignationPeriod	CA End Designation Period	no	restricted
Change	Role changes info	no	restricted
FRM_CA_Reference - Table Description: Document(s) or link(s) to more detailed supporting documents (e.g. the statute, founding treaty or equivalent legal document)			Restricted
CA_Ref_ID	Row ID	no	restricted
EUCACode	EU CA Code	yes	restricted
Subject	Subject	no	restricted
DocumentName	Document Name	no	restricted
Bookmark	Bookmark	no	restricted
FileName	File Name	no	restricted
Hyperlink	Hyperlink	no	restricted
FRM_CA_Roles - Table Description: Roles undertaken by the Competent Authority in the implementation of the Floods Directive			Restricted
CA_ROLES_ID	Row ID	no	restricted
EUCACode	EU CA Code	yes	restricted
RoleCode	CA role	yes	restricted
RoleCodeOther	CA other role	yes	restricted
FRM_UoM - Polygon Description: Flood Protection Unit of Management			Unclassified
UoM_ID	Polygon ID	no	restricted
EUUOMCode	EU UoM Code	yes	unclassified
MSUOMCode	National Code UoM	yes	unclassified
UoM_Name	Official Name (EN)	yes	unclassified
UoM_Name_NL	Name NL	yes	unclassified
EUCACode	Prime EU CA Code	yes	unclassified
OTHER_CA	Other EU CA Code	yes	unclassified
EUCD_RBD	EU RDB Code	yes	unclassified
RDB_Coincide	Coincides with RBD	yes	unclassified
AREA_KM2	Unit of Management area (km2)	no	unclassified
International	Part of international	yes	unclassified
InterName	Name of International UoM	no	unclassified
NationalRelationships	National Relationships Desc	no	unclassified

InternationalRelationships	International Relation Desc	no	unclassified
OtherRelevantRoles	Other Relevant Roles	no	unclassified
TypeOfAssociation	Type Of Association	no	unclassified
UoM_Change	UoM Change	no	restricted

II.2.2. Preliminary Flood Risk Assessment dataset

Field	Alias name	Mandatory	Accessibility
PFRA - Preliminary Flood Risk Assessment Description: Preliminary Flood Risk Assessment			Unclassified
PFRA_ID	Row ID	yes	restricted
EUUOMCode	EU UoM Code	yes	unclassified
InternationalUoM	International UoM	yes	unclassified
METADATA	METADATA	no	unclassified
URL_LINK	URL	no	unclassified
PFRA_FloodEvent – Polygon, line or point Description: PFRA Flood Event (historical and possible in future)			Unclassified
FA_A (L or P) ID	Polygon, line or point ID	no	restricted
EUCD_PFRA	EU flood event code	yes	unclassified
MSCD_PFRA	National flood event code	yes	unclassified
PFRA_FloodEvent - Table Description: PFRA Flood Event (historical and possible in future)			Unclassified
PFRA_FE_ID	Row ID	no	restricted
PFRA_ID	PFRA ID	no	unclassified
EUCD_PFRA	EU Flood Event Code	yes	unclassified
MSCD_PFRA	National Flood Event Code	yes	unclassified
EUCD_RBD	EU RBD code	no	unclassified
EUCACode	EU CA code	yes	unclassified
NAME	Flood Event Name	yes	unclassified
FLOOD_CAT	Category of flood	yes	unclassified
COMME_DATE	Date of commencement	no	unclassified
DURATION	Flood duration (days)	no	unclassified
RECURRENCE	Recurrence (year)	yes	unclassified
FREQUENCY	Frequency	yes	unclassified
F_AREA	Flood area (km2)	no	unclassified
F_LENGTH	Flood Length (km)	no	unclassified
PFRA_FloodCharacteristics – Table Description: PFRA Flood characteristics			Restricted
FCHA_ID	Row ID	no	restricted
EUCD_PFRA	EU Flood Event Code	yes	restricted
FLOOD_CHAR	Flood Characteristics	yes	restricted
OTH_CHAR	Description of other characteristics	no	restricted
PFRA_FloodSources - Table Description: PFRA Flood sources			Restricted
FSOU_ID	Row ID	no	restricted
EUCD_PFRA	EU Flood Event Code	yes	restricted
FLOOD_SOU	Flood source	yes	restricted
OTH_SOU	Description for other sources	no	restricted
PFRA_FloodMechanism - Table Description: PFRA Flood mechanism types			Restricted
FMECH_ID	Row ID	no	restricted
EUCD_PFRA	EU Flood Event Code	yes	restricted
FLOOD_MECH	Flood Mechanism	yes	restricted
OTH_MECH	Description for other mechanism	no	restricted
PFRA_FloodLocations - Table Description: PFRA Flood locations			Restricted
PFRA_LO_ID	Row ID	no	restricted
EUCD_PFRA	EU Flood Event Code	yes	restricted
EUCD_FLO	EU Flood Location Code	yes	restricted
ICD_FLO	TB Flood Location Code	no	restricted
NAME	Flood Event Name	yes	restricted
TRANSBOUND	Transboundary	yes	restricted
PFRA_SWB - Table Description: PFRA Surface water body codes, water body/bodies which is/are probably affected by a recurrence of the flood event			Unclassified
PFRA_WBC_ID	Row ID	no	restricted

EUCD_PFRA	EU PFRA code	yes	unclassified
EUCD_FLO	EU Flood Location code	yes	unclassified
EUCD_BODY	Water body code	yes	unclassified
SW_TYPE	Surface waterbody type	yes	unclassified
PFRA_FloodConsTyp_HHE - Table Description: PFRA Flood consequences on the human health			Restricted
FC_HHS_ID	Row ID	no	restricted
EUCD_PFRA	EU Flood Event Code	yes	restricted
TypeHumanHealth	Consequences Type	yes	restricted
OtherConsequencesDescription	Other Consequences Description	no	restricted
Fatalities	Individuals fatality affected	no	restricted
FatalitiesDescription	Fatalities Description	no	restricted
Degree_TotalDamage	Total damage cost (Euro)	yes	restricted
Degree_TotalDamageGDP	Total damage of GDP (%)	yes	restricted
Degree_TotalDamageClass	Total Damage Class	yes	restricted
OtherDamageDescription	Other Damage Description	no	restricted
SummaryOfDamage	Summary on damage definition	no	restricted
PFRA_FloodConsTyp_ECN - Table Description: PFRA Flood consequences on the economic activity			Restricted
FC_ECN_ID	Row ID	no	restricted
EUCD_PFRA	EU Flood Event Code	yes	restricted
TypeEconomicActivity	Consequences Type	yes	restricted
OtherConsequencesDescription	Other Consequences Description	no	restricted
Degree_TotalDamage	Total damage cost (Euro)	yes	restricted
Degree_TotalDamageGDP	Total damage of GDP (%)	yes	restricted
Degree_TotalDamageClass	Total Damage Class	yes	restricted
OtherDamageDescription	Other Damage Description	no	restricted
SummaryOfDamage	Summary on damage definition	no	restricted
PFRA_FloodConsTyp_ENV – Table Description: PFRA Flood consequences on the environment			Restricted
FC_ENV_ID	Row ID	no	restricted
EUCD_PFRA	EU Flood Event Code	yes	restricted
TypeEnvironment	Consequences Type	yes	restricted
OtherConsequencesDescription	Other Consequences Description	no	restricted
Degree_TotalDamage	Total damage cost (Euro)	yes	restricted
Degree_TotalDamageGDP	Total damage of GDP (%)	yes	restricted
Degree_TotalDamageClass	Total Damage Class	yes	restricted
OtherDamageDescription	Other Damage Description	no	restricted
SummaryOfDamage	Summary on damage definition	no	restricted
PFRA_FloodConsTyp_CHE – Table Description: PFRA Flood consequences on the cultural heritage			Restricted
FC_CHA_ID	Row ID	no	restricted
EUCD_PFRA	EU Flood Event Code	yes	restricted
TypeCulturalHeritage	Consequences Type	yes	restricted
OtherConsequencesDescription	Other Consequences Description	yes	restricted
Degree_TotalDamage	Total damage cost (Euro)	yes	restricted
Degree_TotalDamageGDP	Total damage of GDP (%)	yes	restricted
Degree_TotalDamageClass	Total Damage Class	yes	restricted
OtherDamageDescription	Other Damage Description	no	restricted
SummaryOfDamage	Summary on damage definition	no	restricted
PFRA_SummaryInformation - Table Description: PFRA Summary Information			Restricted
PFRA_SI_ID	Row ID	no	restricted
EUCD_PFRA	EU Flood Event Code	yes	restricted
OverallApproach	Overall Approach	yes	restricted
PastAdverseConsequences	Past Adverse Consequences	yes	restricted
SignificantAdverseConsequences	Significant Adverse Consequences	yes	restricted
PotentialAdverseConsequences	Potential Adverse Consequences	yes	restricted
LongTermDevelopments	Long Term Developments	yes	restricted
IssuesArticle4_2_d	Issues Article 4(2)(d)	yes	restricted
nonConsideringIssuesArt42d	non Considering Issues Article 4(2)(d)	yes	restricted
OtherRelevantInformation	Other Relevant Information	yes	restricted
InternationalInformationExch	International Information Exchange	no	restricted

II.2.3. Areas of Potentially Significant Flood Risk dataset

Field	Alias name	Mandatory	Accessibility
APSFR – Polygon, line or point Description: Areas of Potential Significant Flood Risk represented as polygons (recommended for areas			Unclassified
APSFR_A (L or P)_ID	Polygon, line or point ID	no	restricted
EUCD_APSFR	EU APSFR code	yes	unclassified
MSCD_APSFR	National APSFR code	yes	unclassified
APSFR_AMI - Polygon Description: APSFR that are part of Areas of mutual Interest (AMI)			Unclassified
APSFR_AMI_ID	Polygon ID	no	restricted
EUCD_APSFR	EU APSFR code	yes	unclassified
AMI_ID	AMI ID	no	unclassified
AMI_CODE	AMI Code	no	unclassified
TRANSBOUND	Transboundary	yes	unclassified
AREAKM2	Area (km2)	no	unclassified
APFSR - Areas of Potentially Significant Flood Risk Description: The Areas of Potentially Significant Flood Risk – Main table			Unclassified
APSFR_ID	Row ID	no	restricted
EUUOMCode	EU UoM Code	yes	unclassified
InternationalUoM	International UoM	yes	unclassified
METADATA	METADATA	no	unclassified
URL_LINK	URL	no	unclassified
APSFR_AreasOfFloodRisk - Table Description: Areas of Potential Significant Flood Risk – table of additional data			Unclassified
APSFR_R_ID	Row ID	no	restricted
APSFR_ID	APSFR ID	yes	unclassified
EUCD_APSFR	EU APSFR code	yes	unclassified
MSCD_APSFR	National APSFR code	yes	unclassified
IDC_APSFR	International APSFR code	no	unclassified
NAME_APSFR	Name	no	unclassified
AMI_ID	AMI ID	no	unclassified
AMI_CODE	AMI Code	no	unclassified
TRANSBOUND	Transboundary	yes	unclassified
REP_YEAR	ReportingYear	yes	unclassified
AREAKM2	Flood area (km2)	no	unclassified
FLOOD_CAT	Category of flood	yes	unclassified
GeneralAdditionalComments	General Additional Comments	no	unclassified
APSFR_OverallApproachReviewRef - Table Description: Required. Provide a reference or references describing how the review process to the overall approach and methodology applied to designate APSFRs has been undertaken			Restricted
SUM_INF_REF_ID	Row ID	no	restricted
APSFR_ID	APSFR_ID	yes	restricted
Subject	Subject	no	restricted
DocumentName	Document Name	no	restricted
Bookmark	Bookmark	no	restricted
FileName	File Name	no	restricted
Hyperlink	Hyperlink	no	restricted
APSFR_MechOfInterCoord - Table Description: Only for international UoMs/RBDs which have international APSFRs indicating what mechanisms of coordination have taken place between countries within international RBDs or International units of management			Restricted
MECH_INT_COORD_ID	Row ID	no	restricted
APSFR_ID	APSFR_ID	yes	restricted
MechanismUsed	Mechanism Used	no	restricted
OtherMechanisms	Other Mechanisms	no	restricted
APSFR_MechOfInterCoordRef - Table Description: Only for international UoMs/RBDs. Document(s) or link(s) detailing the coordination mechanisms that are in place			Restricted
MECH_INT_COORD_REF_ID	Row ID	no	restricted
MECH_INT_COORD_ID	APSFR_ID	yes	restricted
Subject	Subject	no	restricted
DocumentName	Document Name	no	restricted
Bookmark	Bookmark	no	restricted
FileName	File Name	no	restricted
Hyperlink	Hyperlink	no	restricted
APSFR_CriteriaForInclusion - Table Description: Criteria used for inclusion of areas as APSFRs			Restricted
CRIT_IINCL_ID	Row ID	no	restricted

APSFR_ID	APSFR_ID	yes	restricted
CriteriaUsed	Criteria Used	no	restricted
OtherCriteria	Other Criteria Desc	no	restricted

APSFR_CriteriaForDetermination - Table Description: Criteria used for determination of significant flood risk			Restricted
CRIT_DETER_ID	Row ID	no	restricted
APSFR_ID	APSFR_ID	yes	restricted
CriteriaUsed	Criteria Used	no	restricted
ExpertJudgementDescription	Expert Judgement Description	no	restricted
OtherCriteria	Other Criteria Desc	no	restricted

APSFR_CriteriaForDeterminationRef - Table Description: Document(s) or link(s) detailing the overall methodology used to determine significant flood risk			Restricted
CRIT_DETER_REF_ID	Row ID	no	restricted
CRIT_DETER_ID	Criteria for determination ID	yes	restricted
Subject	Cost	no	restricted
DocumentName	Document Name	no	restricted
Bookmark	Bookmark	no	restricted
FileName	File Name	no	restricted
Hyperlink	Hyperlink	no	restricted

APSFR_ConsiderOfConseq - Table Description: Indication of specific criteria which were used in the identification of APSFRs			Restricted
CONSID_CON_ID	Row ID	no	restricted
APSFR_ID	APSFR ID	yes	restricted
ConsiderationsHumanHealth	Considerations Human Health	yes	restricted
ConsiderationsEnvironment	Considerations Environment	yes	restricted
ConsiderCulturalHeritage	Consider Cultural Heritage	yes	restricted
ConsiderEconomicActivity	Consider Economic Activity	yes	restricted

APSFR_ConsiderOfConseqRef - Table Description: If 'yes' to 'ConsiderationOfConsequences' for any of the elements in table APSFR_ConsiderOfConseq (Human Health, Environment, Cultural Heritage or Economic Activity), document(s) or link(s) detailing how these elements have been considered for the identification of APSFRs. If 'no', reasons for not including any of these elements (this can include a link to a reference document(s) or simply a link to reference in the form of a summary document			Restricted
CONSID_CON_REF_ID	Row ID	no	restricted
CONSID_CON_ID	Consid Of Consequences ID	yes	restricted
Subject	Cost	no	restricted
DocumentName	Document Name	no	restricted
Bookmark	Bookmark	no	restricted
FileName	File Name	no	restricted
Hyperlink	Hyperlink	no	restricted

APSFR_FloodSources - Table Description: Flood sources for APSFR			Restricted
FSOU_ID	Row ID	no	restricted
EUCD_APSFR	EU APSFR code	yes	restricted
FLOOD_SOU	Flood source	yes	restricted
OTH_SOU	Description for Other	no	restricted
UNCER_SOUR	Description for Uncertain sources	no	restricted

APSFR_FloodCharacteristics - Table Description: Flood characteristic types for APSFR			Restricted
FCHA_ID	Row ID	no	restricted
EUCD_APSFR	EU APSFR code	yes	restricted
FLOOD_CHAR	Flood Characteristic	yes	restricted
OTH_CHAR	Description for Other	no	restricted
UNCER_CHAR	Description for Uncertain Char	no	restricted

APSFR_FloodMechanism - Table Description: Flood mechanism types for APSFR			Restricted
FMECH_ID	Row ID	no	restricted
EUCD_APSFR	EU APSFR code	yes	restricted
FLOOD_MECH	Flood Mechanism	yes	restricted
OTH_MECH	Description for Other	no	restricted
UNCER_MECH	Description for Uncertain Mech	no	restricted

APSFR_FloodPotConTyp_HHE - Table Description: APSFR Flood Consequences - Human Health Social			Restricted
FC_HHS_ID	Row ID	no	restricted
EUCD_APSFR	EU APSFR code	yes	restricted
TypeHumanHealth	Consequence	yes	restricted
OtherConsequencesDescription	Other Consequences Description	no	restricted

APSFR_FloodPotConTyp_ECN - Table Description: APSFR Flood Consequences - Economic Activity			Restricted
FC_ECA_ID	Row ID	no	restricted
EUCD_APSFR	EU APSFR code	yes	restricted
TypeEconomicActivity	Consequence	yes	restricted
OtherConsequencesDescription	Other Consequences Description	no	restricted
APSFR_FloodPotConTyp_ENV - Table Description: APSFR Flood Consequences - Environment			Restricted
FC_ENV_ID	Row ID	no	restricted
EUCD_APSFR	EU APSFR code	yes	restricted
TypeEnvironment	Consequence	yes	restricted
OtherConsequencesDescription	Other Consequences Description	no	restricted
APSFR_FloodPotConTyp_CHE - Table Description: APSFR Flood Consequences - Cultural Heritage			Restricted
FC_CHE_ID	Row ID	no	restricted
EUCD_APSFR	EU APSFR code	yes	restricted
TypeCulturalHeritage	Consequence	yes	restricted
OtherConsequencesDescription	Other Consequences Description	no	restricted

II.2.3. Flood hazard mapping dataset

Field	Alias name	Mandatory	Accessibility
FHRM_HAZARD - Polygon Description: Flood hazard scenario areas. Polygon with outer boundary of specific Flood hazard scenario			Unclassified
FHA_ID	Polygon ID	no	restricted
EUUOMCode	Units of management EUCode	yes	unclassified
EUCD_FHA	EU flood hazard area code	yes	unclassified
MSCD_FHA	National flood hazard area code	yes	unclassified
NAME	Name	no	unclassified
EUCD_RIV	EU river code	yes	unclassified
RIVER	River Name	no	unclassified
EUCD_SB	EU sub-basin code	no	unclassified
SB_NAME	Sub-basin name	no	unclassified
EUCD_RB	EU River basin code	no	unclassified
EUCD_APSFR	EU APSFR code	yes	unclassified
AREAKM2	Hazard area (km2)	no	unclassified
SCENARIO	Scenario	yes	unclassified
RECURRENCE	Recurrence (year)	no	unclassified
PROBATY	Flood probability	yes	unclassified
FHRM_HAZARD_CLASSES - Polygon Description: Classified Flood hazard areas for specific scenario			Unclassified
FHA_CLASS_ID	Polygon ID	no	restricted
EUCD_FHA	EU flood hazard area code	yes	unclassified
PROBATY	Flood probability	yes	unclassified
HAZARD	Flood hazard class	yes	unclassified
AREAKM2	Hazard area (km2)	no	unclassified
FHRM_HazardAreaFloodSources - Table Description: Flood Sources for Hazard area for specific probability scenario			Restricted
HSOU_ID	Row ID	no	restricted
EUCD_FHA	EU FHA code	yes	restricted
FLOOD_SOU	Flood source	yes	restricted
OTH_SOU	Description for Other Sources	no	restricted
SourceUncertainDesc	Source Uncertain Desc	no	restricted
FHRM_HazardAreaSourcesMapped - Table Description: Mapped Flood Sources in Hazard area for specific probability scenario			Restricted
MAP_SOU_ID	Row ID	no	restricted
EUCD_FHA	EU FHA code	yes	restricted
SourcesMapped	Sources Mapped	no	restricted
FHRM_FHSourcesMappedRef - Table Description: Explaination on which sources have been combined and how these sources were modelled i.e. modelling individually and overlain or modelled in, where multiple sources have been mapped combination			Restricted
FHSM_REF_ID	Row ID	no	restricted
EUCD_FHA	EU flood hazard area code	yes	restricted

Subject	Cost	no	restricted
DocumentName	Document Name	no	restricted
Bookmark	Bookmark	no	restricted
FileName	File Name	no	restricted
Hyperlink	Hyperlink	no	restricted
FHRM_HazardAreaFloodCharacteristics - Table Description: Flood Characteristic Types in hazard area for specific probability scenario			Restricted
HFCHA_ID	Row ID	no	restricted
EUCD_FHA	EU FHA code	yes	restricted
FLOOD_CHAR	Flood Characteristic	yes	restricted
OTH_CHAR	Description for Other	no	restricted
CharactUncertainDesc	Charact Uncertain Desc	no	restricted
FHRM_HazardAreaFloodMechanism - Table Description: Flood Mechanism Types in Hazard area for specific probability scenario			Restricted
HFMECH_ID	Row ID	no	restricted
EUCD_FHA	EU FHA code	yes	restricted
FLOOD_MECH	Flood Mechanism	yes	restricted
OTH_MECH	Description for Other	no	restricted
MechUncertainDesc	Mech Uncertain Desc	no	restricted
FHRM_HazardProbability - Table Description: Flood Hazard Probability description and characteristics for specific probability scenario			Restricted
FH_PROB_ID	Row ID	no	restricted
EUCD_FHA	ID for specific probability	yes	restricted
ExtremeEvent	Extreme Event Desc	no	restricted
DescriptionofProbability	Description of Probability	no	restricted
Frequency	Frequency	no	restricted
Recurrence	Recurrence	no	restricted
ProbabilityofOccurence	Probability of Occurence	no	restricted
FHRM_MapUpdateRef - Table Description: Document(s) or link(s) to information that give an update on any changes to the maps or to the process used to develop the maps since the last reporting cycle			Restricted
MAP_UPD_REF_ID	Row ID	no	restricted
EUCD_FHA	EUCD_FHA	yes	restricted
Subject	Subject	no	restricted
DocumentName	Document Name	no	restricted
Bookmark	Bookmark	no	restricted
FileName	File Name	no	restricted
Hyperlink	Hyperlink	no	restricted

II.2.4. Flood risk mapping dataset

Field	Alias name	Mandatory	Accessibility
FHRM_RISK_TOTAL - Polygon Description: Flood risk classes - all exposed elements.Total flood risk represented by classes			Unclassified
FRT_ID	Polygon ID	no	restricted
EUCD_FHA	EU Code FHA	no	unclassified
PROBATY	Flood probability	yes	unclassified
RISK_CLASS	Risk class	yes	unclassified
AREAKM2	Risk area (km2)	no	unclassified
FHRM_RISK_HumanHealth - Polygon Description: Flood Risk Classes for Human Health			Restricted
FR_HHE_ID	Polygon ID	no	restricted
EUCD_FHA	EU Code Flood Hazard	yes	restricted
PROBATY	Flood probability	yes	restricted
RISK_CLASS	Risk Class	no	restricted
AREAKM2	Risk area (km2)	no	restricted
FHRM_InhabitantsAffected - Table Description: Flood Risk Inhabitants Affected			Restricted
FR_IA_ID	Row ID	no	restricted
EUCD_FHA	EU code FHA	yes	restricted
OVERALL	Inhabitants	yes	restricted
DAY_TIME	Inhabitants during day time	no	restricted

NIGHT_TIME	Inhabitants during night	no	restricted
TRANSIT	Transitory population	no	restricted
OTHER	Other people affected	no	restricted
FHRM_RISK_EconomicActivity - Polygon Description: Flood Risk Classes for Economic Activity			Restricted
FR_ECA_ID	Polygon ID	no	restricted
EUCD_FHA	EU code FHA	yes	restricted
PROBATY	Flood probability	yes	restricted
RISK_CLASS	Risk Class	no	restricted
AREAKM2	Risk area (km2)	no	restricted
FHRM_EconomicActivityTypes - Table Description: Economic Activity Types			Restricted
ECA_TYP_ID	Row ID	no	restricted
EUCD_FHA	EU code FHA	yes	restricted
ECON_ACT	Economic Activity	yes	restricted
OTH_CONS	Other consequences	no	restricted
FHRM_EconomicActivityNACECodes - Table Description: Economic Activity Types NACE codes			Restricted
ECA_NACE_ID	Row ID	no	restricted
EUCD_FHA	EU code FHA	yes	restricted
NACECodes	NACE codes	no	restricted
FHRM_RISK_Environment - Polygon Description: Flood Risk Classes for Environment			Restricted
FR_ENV_ID	Polygon ID	no	restricted
EUCD_FHA	EU Code FHA	no	restricted
PROBATY	Flood probability	yes	restricted
RISK_CLASS	Risk Class	no	restricted
AREAKM2	Risk area (km2)	no	restricted
FHRM_EnvironmentTypes - Table Description: Environment Types			Restricted
ENV_TYP_ID	Row ID	no	restricted
EUCD_FHA	EU code FHA	yes	restricted
ENVIRO	Environment Types	yes	restricted
OTH_CONS	Other consequences	no	restricted
FHRM_ProtectedAreas - Table Description: Flood Risk Protected Areas			Restricted
FR_PA_ID	Row ID	no	restricted
EUCD_FHA	EU code FHA	yes	restricted
ProtectedAreaType	Protected Area Type	no	restricted
ProtectedAreaID	Protected Area ID	no	restricted
FHRM_IEDInstallations - Table Description: IED Installations			Restricted
IED_INST_ID	Row ID	no	restricted
EUCD_FHA	EU code FHA	yes	restricted
AffectedIEDInstallations	Number of IED	no	restricted
EPRTRCode	EPRTR (FacilityID).	no	restricted
FHRM_TypeIEDInstallations - Table Description: Type IED Installations			Restricted
IEDI_TYP_ID	Row ID	no	restricted
IED_INST_ID	IED Installations ID	yes	restricted
TypeIEDInstallation	Type IED Installation	no	restricted
NaceCode	NACE Code	no	restricted
FHRM_RISK_CulturalHeritage - Polygon Description: Flood Risk Classes for Cultural Heritage			Restricted
FR_CHA_ID	Polygon ID	no	restricted
EUCD_FHA	EU code FHA	yes	restricted
PROBATY	Flood probability	yes	restricted
RISK_CLASS	Risk Class	no	restricted
AREAKM2	Risk area (km2)	no	restricted
FHRM_CulturalHeritageTypes - Table Description: Cultural Heritage Types			Restricted
CHA_TYP_ID	Row ID	no	restricted
EUCD_FHA	EU code FHA	yes	restricted

CULT_HER	Cultural Heritage Types	yes	restricted
OTH_CONS	Other consequences	no	restricted

II.2.5. Flood Risk Management Plan dataset

Field	Alias name	Mandatory	Accessibility
FRMP - Table Description: General information on FRMP development			Unclassified
FRMP_ID	Row ID	no	restricted
C_CD	Country code	yes	unclassified
EUUOMCode	EU UOM Code	yes	unclassified
CreationDate	Creation Date	yes	unclassified
Creator	Creator	yes	unclassified
Description	Description	yes	unclassified
Email	Email	yes	unclassified
GeneratedBy	Generated By	yes	unclassified
LanguageCode	Language Code	yes	unclassified
FRMP_SummaryReview - Table Description: Summary Review			Unclassified
SumRew_ID	Row ID	no	restricted
FRMP_ID	FRMP ID	yes	unclassified
SummaryChanges	Summary Changes	no	unclassified
SummaryFRMPProgress	Summary FRMP Progress	no	unclassified
SummaryAdditionalMeasures	Summary Additional Measures	no	unclassified
RISK_CLASS	Risk class	no	unclassified
AREAKM2	Risk area (km2)	no	unclassified
FRMP_Hyperlinks - Table Description: Hyperlinks to FRMP documentation			Unclassified
Hyperlink_ID	Row ID	no	restricted
FRMP_ID	FRMP ID	no	unclassified
Hyperlink	Hyperlink	yes	unclassified
DescriptionofHyperlink	Description of Hyperlink	yes	unclassified
FRMP_SummaryOverall - Table Description: Summary Overall relation table			Unclassified
SumOver_ID	Row ID	yes	restricted
FRMP_ID	FRMP ID	yes	unclassified
SummaryProgress	Summary Progress	yes	unclassified
FRMP_APSFRCodePlan - Table Description: Areas of Potential Significant Flood Risk to which the FRMP applies			Unclassified
APSFRCode_ID	Row ID	yes	restricted
SumOver_ID	Summary Overall ID	yes	unclassified
APSFRCode	APSFR Code	yes	unclassified
FRMP_SummaryObjectives - Table Description: Summary Objectives relation table			Unclassified
SumObj_ID	Row ID	no	restricted
SumOver_ID	Summary Overall ID	yes	unclassified
FRMP_SelectionMethodologyRef - Table Description: Document(s) or link(s) to relevant documents detailing methodology relating to the selection and prioritization of measures to achieve the stated objectives			Restricted
SelectMethRef_ID	Row ID	no	restricted
SumObj_ID	Summary Objectives ID	yes	restricted
Subject	Subject	no	restricted
DocumentName	Document Name	no	restricted
Bookmark	Bookmark	no	restricted
FileName	File Name	no	restricted
Hyperlink	Hyperlink	no	restricted
FRMP_ProcessMethodologyRef - Table Description: Document(s) or link(s) to relevant documents detailing methodology relating to the process for			Restricted
ProcessMethRef_ID	Row ID	no	restricted
SumObj_ID	Summary Objectives ID	yes	restricted
Subject	Subject	no	restricted
DocumentName	Document Name	no	restricted
Bookmark	Bookmark	no	restricted
FileName	File Name	no	restricted

Hyperlink	Hyperlink	no	restricted

FRMP_OverallObjectives - Table Description: Overall Objectives - List of 'high level' strategic objectives reducing flood risk is a product of reducing consequences and/or reducing the likelihood of flooding			Unclassified
OverallObj_ID	Row ID	no	restricted
SumObj_ID	Summary Objectives ID	yes	unclassified
IncreaseLevelPhysicalProtec	Increase Level Physical Protec	no	unclassified
IncreaseResilienceReceptors	Increase resilience receptors	no	unclassified
PracticePrevention	Practice prevention	no	unclassified
IncreaseAwareness	Increase awareness	no	unclassified
ImproveEarlyWarning	Improve early warning	no	unclassified
IncreasePreparedness	Increase preparedness	no	unclassified
Other	Other	no	unclassified
OverallObjectivesOther	Overall Objectives Other	no	unclassified

FRMP_ObjectivesConsiderations - Table Description: Objectives Considerations - Information on the key aspects that have been considered in coordination of objectives within and between countries including the consideration of climate change			Restricted
ObjConsider_ID	Row ID	no	restricted
SumObj_ID	Summary Objectives ID	yes	restricted
CoordBetweenRegions	Coord between regions	no	restricted
CoordinatedBetweenMS	Coordinated between countries	no	restricted
TransboundIncreaseFloodRisk	Transbound increase flood risk	no	restricted
ClimateChangeIntoAccount	Climate change into account	no	restricted
DiscussedBeforeEstablish	Discussed Before Establish	no	restricted
Other	Other	no	restricted
ObjectivesConsiderationsOther	Objectives Considerations Other	no	restricted

FRMP_ObjConsiderationsRef - Table Description: Document(s) or link(s) to relevant documents summarising key aspects of coordination across			Restricted
ObjectivesConsRe_ID	Objectives Cons Ref ID	no	restricted
ObjConsider_ID	Objectives Considerations ID	yes	restricted
Subject	Subject	no	restricted
DocumentName	Document Name	no	restricted
Bookmark	Bookmark	no	restricted
FileName	File Name	no	restricted
Hyperlink	Hyperlink	no	restricted

FRMP_MinAdverseConsequences - Table Description: Minimize Adverse Consequences - Information on the specific focus of the objectives set to reduce the effects of adverse consequences from floods			Restricted
MinAdvCon_ID	Row ID	no	restricted
SumObj_ID	Summary Objectives ID	yes	restricted
MinConsCulturalHeritage	Min Cons - cultural heritage	no	restricted
MinConsEconActivity	Min Cons - economic activity	no	restricted
MinConsHumanHealth	Min Cons - human health	no	restricted
MinConsEnvironment	Min Cons - environment	no	restricted
MinConsOther	Min Cons - Other	no	restricted
MinAdvConsOther	Min Consequences Other	no	restricted

FRMP_MinAdverseConseqRef - Table Description: Document(s) or link(s) to relevant documents describing how the objectives relate to impacts on human health, the environment, cultural heritage and economic activity in terms of nationally consistent indicators to make them measurable (e.g. number of residential properties at risk)			Restricted
MinAdverseConsRef_ID	Row ID	no	restricted
MinAdvCon_ID	Min Adverse Cons ID	yes	restricted
Subject	Cost	no	restricted
DocumentName	Document Name	no	restricted
Bookmark	Bookmark	no	restricted
FileName	File Name	no	restricted
Hyperlink	Hyperlink	no	restricted

FRMP_SummaryFloodExtent - Table Description: Summary Flood Extent relation table			Unclassified
SumFloodExt_ID	Row ID	no	restricted
SumOver_ID	Summary Overall ID	yes	unclassified

FRMP_SummaryFloodAspects - Table Description: Indication of aspects that have been taken into account in the flood risk management plans			Unclassified
SumFloodAsp_ID	Row ID	no	restricted
SumFloodExt_ID	Summary Flood Extent ID	yes	unclassified
FloodExtent	Flood extent	no	unclassified

FloodConveyance	Flood conveyance routes	no	unclassified
PotentialAreas	Potential Areas	no	unclassified
Promotion	Promotion	no	unclassified
WaterRetention	Improvement in water retention	no	unclassified
ControlledFlooding	Controlled Flooding	no	unclassified
LandUse	Land Use	no	unclassified
SoilWaterManagement	Soil and water management	no	unclassified
NatureConservation	Nature conservation	no	unclassified
SpatialPlanning	Spatial planning	no	unclassified
Navigation	Navigation and port infrast	no	unclassified
FRMP_SumFloodAspectsRef - Table Description: Document(s) or link(s) to relevant documents referring to more detailed information relating to the			Restricted
SumFloodAspRef_ID	Row ID	no	restricted
SumFloodExt_ID	Summary Flood Extent ID	yes	restricted
Subject	Subject	no	restricted
DocumentName	Document Name	no	restricted
Bookmark	Bookmark	no	restricted
FileName	File Name	no	restricted
Hyperlink	Hyperlink	no	restricted
FRMP_SummaryAspects - Table Description: Indication of aspects that have been taken into account in developing the flood risk management plans			Unclassified
SumAspects_ID	Row ID	no	restricted
SumOver_ID	Summary Overall ID	yes	unclassified
ConclusionsPFRA	Conclusions of PFRA	no	unclassified
ConclusionsFRHM	Conclusions from FRHM	no	unclassified
CostsBenefitsMeasures	Costs and benefits of measures	no	unclassified
EnvironmentalObjectives	Environmental Objectives	no	unclassified
DescriptionObjectives	Description of objectives	no	unclassified
SummaryMeasures	Summary Measures	no	unclassified
MeasuresPrevention	Measures Prevention	no	unclassified
MeasuresProtection	Measures Protection	no	unclassified
MeasuresPreparedness	Measures Preparedness	no	unclassified
MeasuresCharacterics	Measures Characterics	no	unclassified
CostBenefitTransnational	Cost Benefit ransnational	no	unclassified
DescriptionMonitored	Description Monitored	no	unclassified
PublicInformation	Public Information	no	unclassified
DescriptionIRBDs	Description IRBDs	no	unclassified
DescriptionWFD	Description WFD	no	unclassified
FRMP_AspectsIncludedRef - Table Description: Document(s) or link(s) to relevant documents referring to how all aspects of flood risk management (focusing on prevention, protection, preparedness, including flood forecasting and early warning systems) have			Restricted
AspIncRef_ID	Row ID	no	restricted
SumAspects_ID	Summary Aspects ID	yes	restricted
Subject	Subject	no	restricted
DocumentName	Document Name	no	restricted
Bookmark	Bookmark	no	restricted
FileName	File Name	no	restricted
Hyperlink	Hyperlink	no	restricted
FRMP_SummaryClimateChange - Table Description: Summary Climate Change			Unclassified
SumClimaCh_ID	Row ID	no	restricted
SumOver_ID	Summary Overall ID	yes	unclassified
ClimateChangeImpacts	Climate Change Impacts	yes	unclassified
NoJustification	No Justification	no	unclassified
FRMP_SumClimateChangeRef - Table Description: A reference if Climate Change Impacts is set to 'Yes'			Restricted
SumClimaChRef_ID	Row ID	no	restricted
SumClimaCh_ID	Summary Climate Change ID	yes	restricted
Subject	Subject	no	restricted
DocumentName	Document Name	no	restricted
Bookmark	Bookmark	no	restricted
FileName	File Name	no	restricted
Hyperlink	Hyperlink	no	restricted
FRMP_SummaryConsultation - Table Description: Summary Consultation relation table			Unclassified
SumConsult_ID	Row ID	no	restricted
SumOver_ID	Summary Overall ID	yes	unclassified

FRMP_ConsStakeholdersInvolved - Table Description: Information on groups of stakeholders who have been actively involved in the development of the			Unclassified
ConSthInv_ID	Row ID	no	restricted
SumConsult_ID	Summary Consultation ID	yes	unclassified
CivilProtectionAuthorities	Civil Protection Authorities	no	unclassified
FloodWarningDefenceAuth	Flood Warning/Defence Auth	no	unclassified
DrainageAuthorities	Drainage Authorities	no	unclassified
EmergencyServices	Emergency services	no	unclassified
WaterSupplyAndSanitation	Water supply and sanitation	no	unclassified
AgricultureFarmers	Agriculture/farmers	no	unclassified
EnergyHydropower	Energy/hydropower	no	unclassified
NavigationPorts	Navigation/ports	no	unclassified
FisheriesAquaculture	Fisheries/aquaculture	no	unclassified
Industry	Industry	no	unclassified
NGOsNatureProtection	NGO's /nature protection	no	unclassified
ConsumerGroups	Consumer Groups	no	unclassified
LocalRegionalAuthorities	Local/Regional authorities	no	unclassified
AcademiaResearchInstitutions	Academia/Research Institutions	no	unclassified
Other	Other	no	unclassified
ConsStakeholdInvOther	Cons Stakehold Inv Other	no	unclassified

FRMP_ConsStakeholdInvolvedMech - Table Description: Information on mechanisms used to encourage the active involvement of stakeholders			Restricted
ConSthInvMech_ID	Row ID	no	restricted
SumConsult_ID	Summary Consultation ID	yes	restricted
ProvisionIinformation	Provision of information	no	restricted
EstabAdvisoryGroups	Establishment advisory groups	no	restricted
StakeholderInvolvement	Stakeholder involvement	no	restricted
FormationAlliances	Formation of alliances	no	restricted
DiscussionDialogue	Discussion and dialogue	no	restricted
Other	Other	no	restricted
ConsStakInvoMechOther	Description Other Mechanisms	no	restricted

FRMP_ImpactPublicParticipation - Table Description: Indication of the impact of public participation on the final outcome of the plans			Restricted
ImpPubPart_ID	Row ID	no	restricted
SumConsult_ID	Summary Consultation ID	yes	restricted
ChangeSelectionMeasures	Changes selection measures	no	restricted
AdjustmenSpecificMeasures	AdjustmenSpecificMeasures	no	restricted
AdditionNewInformation	AdditionNewInformation	no	restricted
ChangesMethodology	Changes methodology used	no	restricted
CommitmentFurtherResearch	Commitment to further research	no	restricted
CommitmentActionNextRBMP	Commitment Action Next RBMP	no	restricted
OtherOutcome	Other outcome	no	restricted
ImpactPublicParticipOther	Public Participation Other	no	restricted

FRMP_StakeholderConsultationRef - Table Description: Document(s) or link(s) to relevant documentation on public information and consultation and on			Restricted
StakConsRef_ID	Row ID	no	restricted
SumConsult_ID	Summary Consultation ID	yes	restricted
Subject	Subject	no	restricted
DocumentName	Document Name	no	restricted
Bookmark	Bookmark	no	restricted
FileName	File Name	no	restricted
Hyperlink	Hyperlink	no	restricted

FRMP_PublicConsultationsMech - Table Description: Information on mechanism(s) used for informing public and interested parties about the consultation			Restricted
PubConsMech_ID	Row ID	no	restricted
SumConsult_ID	Summary Consultation ID	yes	restricted
Media	Media	no	restricted
Internet	Internet	no	restricted
SocialNetworkSites	Social networking sites	no	restricted
PrintedMaterial	Printed material	no	restricted
DirectMailing	Direct mailing	no	restricted
InvitationsStakeholders	Invitations to stakeholders	no	restricted
LocalAuthorities	Local Authorities	no	restricted
MeetingsLocalPopulation	Meetings Local Population	no	restricted
WrittenConsultation	Written consultation	no	restricted
Other	Other	no	restricted
PublicConsMechOther	Min Consequences Other	no	restricted

FRMP_SummaryCoordination - Table Description: Indication of the level of local, national or international coordination			Unclassified
SumCoord_ID	Row ID	no	restricted
SumOver_ID	Summary Overall ID	yes	unclassified
CoordinationMemberState	Coordination FASRB countries	no	unclassified
CoordinationNeighbouring	Coordination Neighbouring	no	unclassified
SolidarityPrinciple	Solidarity Principle	no	unclassified
NotInternational	Not International	no	unclassified
NoCoordination	No Coordination	no	unclassified
NoCoordinationDescription	No Coordination Description	no	unclassified
FRMP_SumCoordinationRef - Table Description: References if local, national or international coordination exist			Restricted
SumCoordRef_ID	Row ID	no	restricted
SumCoord_ID	Summary Coordination ID	yes	restricted
Subject	Subject	no	restricted
DocumentName	Document Name	no	restricted
Bookmark	Bookmark	no	restricted
FileName	File Name	no	restricted
Hyperlink	Hyperlink	no	restricted
FRMP_SummaryCostBenefit - Table Description: Summary Cost Benefit			Unclassified
SumCostBft_ID	Row ID	no	restricted
SumOver_ID	Summary Overall ID	yes	unclassified
CostBenefitTransMeasures	Cost Benefit Transnat Measures	no	unclassified
FRMP_SummaryCostBenefitRef - Table Description: Reference if Cost Benefit TransnationalMeasures is set to 'Yes'			Restricted
SumCostBftRef_ID	Row ID	no	restricted
SumCostBft_ID	Summary Cost Benefit ID	yes	restricted
Subject	Subject	no	restricted
DocumentName	Document Name	no	restricted
Bookmark	Bookmark	no	restricted
FileName	File Name	no	restricted
Hyperlink	Hyperlink	no	restricted
FRMP_SummaryDevelopment - Table Description: Indication on how the development of the FRMP has been coordinated with the development of the			Unclassified
SumDevelop_ID	Row ID	no	restricted
SumOver_ID	Summary Overall ID	yes	unclassified
Integration	Integration	no	unclassified
JointConsultation	Joint consultation	no	unclassified
CoordinationFRMP_RBMP	Coordination FRMP and RBMP	no	unclassified
FDObjectives	FD Objectives	no	unclassified
CoordinationEnvObjectives	Coordination Env Objectives	no	unclassified
DroughtMeasures	Drought Measures	no	unclassified
NaturalWaterRetention	Natural Water Retention	no	unclassified
PermittingFloodRisk	Permitting Flood Risk	no	unclassified
CompliantApplication	Compliant Application	no	unclassified
StructuralMeasures	StructuralMeasures	no	unclassified
SustainableDrainage	Sustainable Drainage	no	unclassified
Other	Other	no	unclassified
CoordFRMPandRBMPOther	Coord FRMP and RBMP Other	no	unclassified
FRMP_SummaryCostBenefitRef - Table Description: Reference if Cost Benefit TransnationalMeasures is set to 'Yes'			Restricted
SumCostBftRef_ID	Row ID	no	restricted
SumCostBft_ID	Summary Cost Benefit ID	yes	restricted
Subject	Subject	no	restricted
DocumentName	Document Name	no	restricted
Bookmark	Bookmark	no	restricted
FileName	File Name	no	restricted
Hyperlink	Hyperlink	no	restricted
FRMP_Measures - Table Description: Measures			Unclassified
Measures_ID	Row ID	no	restricted
FRMP_ID	Row ID	no	restricted
WFDMeasureCode	Row ID	no	restricted

FRMP_MeasureCodes - Table Description: Measure Codes			Unclassified
MeasCode_ID	Row ID	no	restricted
Measures_ID	Measures_ ID	yes	unclassified
MeasureCode	Measure Code	yes	unclassified
MeasureName	Measure Name	yes	unclassified
MeasureAspect	Measure Aspect	yes	unclassified
MeasureLocation	Measure Location	yes	unclassified
MeasureDescription	Measure Description	yes	unclassified
MeasuresOtherDescription	Measures Other Description	no	restricted
GeographicCoverage	Geographic Coverage	no	restricted
MeasureType	Measure Type	yes	restricted
Objectives	Objectives	no	restricted
Cost	Cost	no	restricted
OtherCommunityAct	Other Community Act	no	restricted
CategoryofPriority	Category of Priority	no	restricted
Timetable	Timetable	no	restricted
FRMP_CostExplanationRef - Table Description: Document(s) or link(s) to relevant documentation explaining what is included in the cost calculation			Restricted
CostExplRef_ID	Row ID	no	restricted
MeasCode_ID	Measure Code ID	no	restricted
Subject	Subject	no	restricted
DocumentName	Document Name	no	restricted
Bookmark	Bookmark	no	restricted
FileName	File Name	no	restricted
Hyperlink	Hyperlink	no	restricted
FRMP_MeasureRespAuth - Table Description: Authority responsible for measure implementation			Restricted
RespAuth_ID	Row ID	no	restricted
MeasCode_ID	Measure Code ID	no	restricted
LevelofResponsibility	Level of Responsibility	no	restricted
NameResponsibleAuthority	Name Responsible Authority	no	restricted
FRMP_MeasureProgress - Table Description: Indication of progress made with implementation of measures			Restricted
MeasImpProg_ID	Row ID	yes	restricted
MeasCode_ID	Measure Code ID	yes	restricted
Progress	Progress	yes	restricted
ProgressDescription	Progress Description	yes	restricted
ProgressDate	Progress Date	yes	restricted
FRMP_MeasProgressRef - Table Description: References/links to relevant documentation explaining progress with implementation of measures			Restricted
ProgressRef_ID	Row ID	no	restricted
MeasImpProg_ID	Measure Imp Progress ID	no	restricted
Subject	Subject	no	restricted
DocumentName	Document Name	no	restricted
Bookmark	Bookmark	no	restricted
FileName	File Name	no	restricted
Hyperlink	Hyperlink	no	restricted
FRMP_Measures_APSFR - Table Description: Relation table (many to many) APSFR to Measures			Unclassified
APSFRCodeMeasures_ID	Row ID	yes	restricted
MeasCode_ID	Measure Code ID	yes	unclassified
EUCD_APSFR	EU APSFR Code	yes	unclassified

II.2.6. Flood protection structures dataset

Field	Alias name	Mandatory	Accessibility
FPR_LongWatStruc_l - Line Description: Flood protection longitudinal water structure			Unclassified
LWS_L_ID	Line ID	no	restricted
LWS_ID	Longitudinal Water Structure ID	yes	unclassified
EUCD_LWS	EU Longitudinal Water Structure	yes	unclassified
FPR Long Wat Struc - Table Description: Flood protection longitudinal water structure			Unclassified
LWS_ID	Longitudinal Water Structure ID	yes	restricted

EUCD_LWS	EU Longitudinal Structure Code	yes	unclassified
MSCD_LWS	National Longitudinal Structure Code	yes	unclassified
NAME	Water structure name	no	unclassified
EUCD_RIV	EU River Code	no	unclassified
EUCD_LAKE	EU Lake Code	no	unclassified
SW_NAME	Name of SW Water	yes	unclassified
COAST	River bank - Coast	no	unclassified
MARK_START	Mileage marker start (km)	no	unclassified
MARK_END	Mileage marker end (km)	no	unclassified
LENGHT	Lenght	yes	unclassified
ALT_CR_UP	Crown Altitude Upstream (m)	no	restricted
ALT_CR_DO	Crown altitude downstream (m)	no	restricted
WIDTH_CR	Crown wight (m)	no	restricted
SLOPE_RIV	Riverside slope (%)	no	restricted
SLOPE_LAND	Landside slope (%)	no	restricted
FLOW_VALUE	Relevant flow value (m3/s)	no	restricted
H_OVER_WAT	Hight above water level (m)	no	restricted
AV_HEIGHT	Average height (m)	no	restricted
AV_WIDTH	Average width (m)	no	restricted
YEAR_BUILD	Year of construction	no	restricted
YEAR_RECON	Year of last reconstruction	no	restricted
FPR Trans Wat Struc - Point Description: Flood protection transversal water structure represented as points			Unclassified
TWS_PT_ID	Point ID	no	restricted
TWS_ID	Transversal Water Structure ID	yes	unclassified
EUCD_TWS	EU TWS Code	yes	unclassified
FPR Trans Wat Struc - Table Description: Flood protection transversal water structure			Unclassified
TWS_ID	Water Structure ID	yes	restricted
EUCD_TWS	EU TWS Code	yes	unclassified
MSCD_TWS	National TWS Code	yes	unclassified
NAME	Name	yes	unclassified
LOCATION	Location	no	unclassified
Z	Altitude (m)	no	restricted
TWS_TYPE	Water structure type	yes	unclassified
YEAR_BUILD	Year of construction	no	restricted
YEAR_RECON	Year of last reconstruction	no	restricted
FPR Dam - Table Description: Flood protection dams			Unclassified
DAM_ID	Dam ID	no	restricted
TWS_ID	Transversal Water Structure ID	no	unclassified
EUCD_TWS	EU TWS Code	yes	unclassified
DAM_TYPE	Dam type	no	unclassified
DAM_CREST_ELEV	Dam crest elevation (masl)	no	restricted
TOP_DAM_LEN	Top of dam length (m)	no	restricted
MAX_HEAD	Maximum head (m)	no	restricted
RATED_HEAD	Rated head (m)	no	restricted
MIN_HEAD	Minimum head (m)	no	restricted
OUTLETS_NO	Number of outlets	no	restricted
OUT_INV_ELEV	Outlet invert elevation (masl)	no	restricted
OUTLET_DIM	Outlet dimensions (L/H) (m/m)	no	restricted
SPILLWAY_NO	Number of spillways	no	restricted
SPILL_INV_ELEV	Spillway invert elevation (masl)	no	restricted
SPILLWAY_DIM	Spillway dimensions (L/H) (m/m)	no	restricted
TURBINE_TYPE	Turbine type	no	restricted
INST_DISCHARGE	Installed discharge (m3/s)	no	restricted
INST_POWER	Installed discharge (m3/s)	no	restricted
ANN_PRODUCT	Installed discharge (m3/s)	no	restricted
MANAGED_BY	Managed by	no	restricted
FPR_Overflow - Table Description: Flood protection water overflows			Unclassified
OVERFL_ID	Row ID	no	restricted
TWS_ID	Transversal Water Structure ID	yes	unclassified
EUCD_TWS	EU TWS Code	yes	unclassified
OVERFL_TYP	Overflow type	yes	unclassified
ALT_OF_CR	Altitude of overflow crown (m)	no	restricted

WTFA_DIM	Waterfalls dimension (m2)	no	restricted
MAX_CAPAC	Max. overflow capacity (m3/s)	yes	restricted
FPR_PumpingStation - Table Description: Flood protection pumping stations			Unclassified
PS_ID	Row ID	no	restricted
TWS_ID	Transversal Water Structure ID	yes	unclassified
EUCD_TWS	EU TWS Code	yes	unclassified
WTC_TO	To Watercourse	no	restricted
OUTLET_MAR	Outlet mileage marker (m)	no	restricted
INFL_AVER	Typical inflow average (l/s/ha)	no	restricted
AGGR_NUM	Aggregate number	no	restricted
P_TOTAL	Total aggregate power (kW)	no	restricted
CAP_TOTAL	Total aggregate capacity (l/s)	yes	restricted
ALT_MAX	Max working altitude (m)	no	restricted
FPR_Weir - Table Description: Flood protection weirs			Unclassified
WEIR_ID	Row ID	no	restricted
TWS_ID	Transversal Water Structure ID	yes	unclassified
EUCD_TWS	EU TWS Code	yes	unclassified
WTC_OUT	Flows out	no	restricted
WTC_IN	Flows in	no	restricted
INFLOW_LOC	Inflow location	yes	unclassified
MARK_OUT	Outflow mileage marker (m)	no	restricted
MARK_IN	Inflow mileage marker (m)	no	restricted
MA_WTC_LEV	Main water level (m)	no	restricted
FLOW_VALUE	Relevant flow value (m3/s)	yes	restricted
FPR_RetRes_a - Polygon Description: Flood protection retention basins and reservoirs			Unclassified
RET_RES_A_ID	Polygon ID	no	restricted
RET_RES_ID	Retention Basin ID	yes	unclassified
EUCD_RR	EU RR Code	yes	unclassified
FPR_RetRes - Table Description: Flood protection retention basin and reservoirs			Unclassified
RET_RES_ID	Water Structure ID	yes	restricted
EUCD_RR	EU RR Code	yes	unclassified
MSCD_RR	National RR Code	yes	unclassified
NAME	Name	yes	unclassified
LOCATION	Location	yes	unclassified
TOT_AREA	Object Area (km2)	no	restricted
DISCHARGE	Discharge (m3/s)	no	restricted
TOT_VOL	Total Volume (Mm3)	no	restricted
ACT_VOL	Active volume (Mm3)	no	restricted
NORM_WSEL	Normal WSEL (masl)	no	restricted
MAX_WSEL	Max WSEL (masl)	no	restricted
REG_WSEL	Regular WSEL (masl)	no	restricted
MIN_WSEL	Min WSEL (masl)	no	restricted
EL_V_CUR_HY	ElevationVolume Curve	no	restricted
MANEGED_BY	Managed by	no	restricted

ANNEX II.3: Datasets related to the hydrological and meteorological issues (Sava HIS)

II.3.1. Hydrological dataset

Field	Alias name	Mandatory	Accessibility
Monitoring Site - Point Description: Hydrological monitoring site			Unclassified
MONITORING_POINT_ID	Monitoring Point ID	yes	restricted
ID	Raw ID	no	restricted
X	Longitude (WGS84)	yes	unclassified
Y	Latitude (WGS84)	yes	unclassified
Z	Elevation	yes	unclassified
NAME	Station Name	yes	unclassified
MONITORING_TYPE	Type of measuring station	no	restricted
CLASSIFICATION	Station classification	no	restricted
EUROPEAN_WGST_CODE	EU gauging station code	yes	unclassified
MSWGST_CODE	National gauging station code	no	restricted
EUROPEAN_RIVER_CODE	EU River Code	no	restricted
COUNTRY	Country	no	unclassified
RIVER	River	yes	restricted
RIVER_BASIN	River basin	yes	unclassified
LOCATION_DESCRIPTION	Description of the gauging station location	no	unclassified
BANK	Location of the gauging station in relation to the river cross section (right bank-left bank-bridge)	no	unclassified
RIVER_KILOMETER	River kilometer (distance from mouth where the gauging station is located)	yes	restricted
CATCHMENT_AREA	Drainage basin area in square kilometers	yes	unclassified
GAUGE_ZERO	Gravity-related altitude of the zero level of the gauge – in meters above the sea level	yes	unclassified
VERTICAL_REF	Reference vertical datum for gauge zero	yes	restricted
GEOMORPHOLOGY	Descriptive comments on the relief, landscape and underlying geology of the gauged catchment	no	restricted
PRESENT_VEGETATION	Descriptions of the present vegetation cover across the catchment with a reference to the source	no	restricted
LAND_USE	Comments on land use. Descriptions of rural land use, or more detailed evaluation	no	restricted
REGULATION	Descriptions on upstream developments that could modify the runoff regime	no	restricted
PARAMETERS	Measuring parameters	no	unclassified
START_TIME	Starting date of time series measurements on this station	yes	unclassified
END_TIME	Ending date of time series measurements on this station	yes	restricted
TIMESTEP	Temporal aggregation: e.g. Hourly, Daily, or (if the regime changed) e.g. 1950-1990 daily; 1990 – hourly	no	restricted
AUTHORITY	Authority	no	restricted
OPERATOR	Information about the organization operating the station, if operated by another, for example, regional organization	no	restricted
STATION_HISTORY	Description of the history of the station, showing any changes that may affect data measured operating the station, if operated by another, for example, regional organization	no	unclassified
GRAPHICS	Pictures of station and surrounding area	no	unclassified
GAUGING_RATINGS_HISTORY	Description of river section(s) used for gauging, history of changes to section through movement of section/erosion,	no	restricted

	etc., drawings of section, description of issues		
RATING_CURVE	Brief comments on the method and quality of the stage-discharge relationship, together with maximum measured discharge. Where possible, the proportion of measured flow that the maximum measured discharge represents should be known.	no	restricted

YearbookData - Table Description: Data available in hydrological yearbooks			Unclassified
MONITORING_POINT_ID	Monitoring Point ID	yes	restricted
ID	Raw ID	no	restricted
H_DAILY	Daily average value of water level	yes	unclassified
H_MONTHLY_AVERAGE	Monthly average value of water level	yes	unclassified
H_MONTHLY_MIN	Minimum minimal monthly value of water level	yes	unclassified
H_MONTHLY_MAX	Maximum maximal monthly value of water level	yes	unclassified
Q_DAILY	Daily average value of discharge (365 values per station)	yes	unclassified
Q_MONTHLY_AVERAGE	Monthly average value of discharge	yes	unclassified
Q_MONTHLY_MIN	Minimal monthly value of discharge	yes	unclassified
Q_MONTHLY_MAX	Maximal monthly value of discharge	yes	unclassified
T_DAILY	Daily average value of water temperature	yes	unclassified
T_MONTHLY_AVERAGE	Monthly average value of water temperature	yes	unclassified
T_MONTHLY_MIN	Minimum minimal monthly value of water temperature	yes	unclassified
T_MONTHLY_MAX	Maximum maximal monthly value of water temperature	yes	unclassified
SED_DAILY	Daily average value of suspended sediment discharge	yes	unclassified
SED_MONTHLY_AVERAGE	Monthly average value of suspended sediment discharge	yes	unclassified
SED_MONTHLY_MIN	Minimum minimal monthly value of suspended sediment discharge	yes	unclassified
SED_MONTHLY_MAX	Maximum maximal monthly value of suspended sediment discharge	yes	unclassified

StatisticalData - Table Description: Basic statistics of hydrological data			Restricted
MONITORING_POINT_ID	Monitoring Point ID	yes	restricted
ID	Raw ID	no	restricted
H_MAX_DATE	Date of historical maximum water level	yes	restricted
H_MAX_VALUE	Historical maximum water level	yes	restricted
H_MIN_DATE	Date of historical minimum water level	yes	restricted
H_MIN_VALUE	Historical minimum water level	yes	restricted
Q_MAX_DATE	Date of historical maximum annual discharge	yes	restricted
Q_MAX_VALUE	Historical maximum annual discharge	yes	restricted
Q_MIN_DATE	Date of historical minimum annual discharge	yes	restricted
Q_MIN_VALUE	Historical minimum annual discharge	yes	restricted
T_MAX_DATE	Date of historical maximum water temperature	yes	restricted
T_MAX_VALUE	Historical maximum annual water temperature	yes	restricted
T_MIN_DATE	Date of historical minimum water temperature	yes	restricted
T_MIN_VALUE	Historical minimum annual water temperature	yes	restricted
SEDIMENT_MAX_DATE	Date of historical maximum suspended sediment discharge	yes	restricted
SEDIMENT_MAX_VALUE	Historical maximum annual suspended sediment discharge	yes	restricted
SEDIMENT_MIN_DATE	Date of historical minimum suspended sediment discharge	yes	restricted
SEDIMENT_MIN_VALUE	Historical minimum annual suspended sediment discharge	yes	restricted
ICE_THICKNESS_PERCENTAGE_DATE	Date of historical maximum ice thickness	yes	restricted
ICE_THICKNESS_PERCENTAGE_VALUE	Historical maximum ice thickness	yes	restricted
ICE_THICKNESS_DESCRIPTION	Description of maximum ice thickness	yes	restricted

Field	Alias name	Mandatory	Accessibility
H_LEV1_FLOOD_P	Flood Protection – Level 1 (water level for beginning of preparatory state)	yes	restricted
H_LEV2_FLOOD_P	Flood Protection – Level 2 (water level for beginning of regular defense)	yes	restricted
H_LEV3_FLOOD_P	Flood Protection – Level 3 (water level for beginning of extraordinary defense)	yes	restricted
H_LEV4_FLOOD_P	Flood Protection – Level 4 (water level for extraordinary state)	yes	restricted
Real-timeData - Table Description: Real-time data			Unclassified
MONITORING_POINT_ID	Monitoring Point ID	yes	unclassified
ID	Raw ID	no	unclassified
WATERLEVEL_TIME	Time of real-time water level data	yes	unclassified
WATERLEVEL	Real-time water level data	yes	unclassified
FLOW_TIME	Time of real-time water discharge data	yes	unclassified
FLOW	Real-time water discharge data	yes	unclassified
TEMPERATURE_TIME	Time of real-time water temperature data	yes	unclassified
TEMPERATURE	Real-time water temperature data	yes	unclassified
SEDIMENT_TIME	Time of real-time sediment (water turbidity) data	yes	unclassified
SEDIMENT	Real-time sediment (water turbidity) data	yes	unclassified
DischargeMeasurement - Table Description: Hydrometric discharge measurement data			Restricted
MONITORING_POINT_ID	Monitoring Point ID	yes	restricted
ID	Raw ID	no	restricted
DATE	Date of measurement	yes	restricted
Q	Measured discharge	yes	restricted
H	Measured water level	yes	restricted
WIDTH	Width of the cross-section	yes	restricted
AREA	Area of the cross-section	yes	restricted
WETTED_PERIMETER	Wetted perimeter of the cross-section	yes	restricted
DEPTH_MAX	Maximum measured depth	yes	restricted
VELOCITY_MAX	Maximum measured velocity	yes	restricted
VELOCITY_AVERAGE	Average measured velocity	yes	restricted
TEMPERATURE	Water temperature	yes	restricted
OPERATOR	Operator responsible for measurement	yes	restricted
EQUIPMENT	Equipment used for measurement	yes	restricted
DocumentRef – Table Description: Documentation on the gauging station			Restricted
MONITORING_POINT_ID	Monitoring Point ID	yes	restricted
ID	Raw ID	no	restricted
Name	Name of document (e.g. Yearbook)	yes	restricted
Description	Short description of document	no	restricted
Format	Format of document (e.g. *.pdf, *.xls, *.doc)	yes	restricted
Editor	Name of institution	yes	restricted
Archive number	Official number of document	yes	restricted
Year	Year of publication	yes	restricted
Link	Hyperlink	no	restricted

II.3.2. Meteorological dataset

Field	Alias name	Mandatory	Accessibility
Monitoring Site - Point Description: Meteorological monitoring site			Unclassified
MONITORING_POINT_ID	Monitoring Point ID	yes	restricted
ID	Raw ID	no	restricted
X	Longitude (WGS84)	yes	unclassified
Y	Latitude (WGS84)	yes	unclassified
Z	Elevation	yes	unclassified
NAME	Station Name	yes	unclassified
MONITORING_TYPE	Type of measuring station	no	restricted
CLASSIFICATION	Station classification	no	restricted
EUROPEAN_MST_CODE	EU gauging station code	yes	unclassified

MSMST_CODE	National gauging station code	no	restricted
COUNTRY	Country	no	unclassified
RIVER_BASIN	River basin	yes	unclassified
LOCATION_DESCRIPTION	Description of the gauging station location	no	unclassified
ALTITUDE	Altitude of the station - in meters above the mean sea level (i.e. above the Vertical Datum)	yes	unclassified
VERTICAL_REF	Reference vertical datum for gauge zero	yes	restricted
PRESENT_VEGETATION	Descriptions of the present vegetation cover across the catchment with a reference to the source	no	restricted
LAND_USE	Comments on land use. Descriptions of rural land use, or more detailed evaluation	no	restricted
PARAMETERS	Measuring parameters	no	unclassified
METHOD	Measuring Method	no	restricted
START_TIME	Starting date of time series measurements on this station	yes	unclassified
END_TIME	Ending date of time series measurements on the station	yes	restricted
TIMESTEP	Temporal aggregation: e.g. Hourly, Daily, or (if the regime changed) e.g. 1950-1990 daily; 1990 – hourly	no	restricted
AUTHORITY	Authority	no	restricted
OPERATOR	Information about the organization operating the station, if operated by another, for example, regional organization	no	restricted
STATION_HISTORY	Description of the history of the station, showing any changes that may affect data measured operating the station, if operated by another, for example, regional organization	no	unclassified
GRAPHICS	Pictures of station and surrounding area	no	unclassified
RATING_CURVE	Brief comments on the method and quality of the stage-discharge relationship, together with maximum measured discharge. Where possible, the proportion of measured flow that the maximum measured discharge represents should be known.	no	restricted

YearbookData - Table Description: Data available in hydrological yearbooks			Unclassified
MONITORING_POINT_ID	Monitoring Point ID	yes	restricted
ID	Raw ID	no	restricted
P_DAILY	Daily value of sum precipitation	yes	unclassified
P_MONTHLY_AVERAGE	Monthly average value of sum precipitation	yes	unclassified
P_MONTHLY_MIN	Minimum minimal monthly value of sum precipitation	yes	unclassified
P_MONTHLY_MAX	Maximum maximal monthly value of sum precipitation	yes	unclassified
AIRT_DAILY	Daily average value of air temperature	yes	unclassified
AIRT_MONTHLY_AVERAGE	Monthly average value of air temperature	yes	unclassified
AIRT _MONTHLY_MIN	Minimal monthly value of air temperature	yes	unclassified
AIRT _MONTHLY_MAX	Maximal monthly value of air temperature	yes	unclassified

StatisticalData - Table Description: Basic statistics of meteorological data			Restricted
MONITORING_POINT_ID	Monitoring Point ID	yes	restricted
ID	Raw ID	no	restricted
P_MAX	Historical maximum of sum annual precipitation	yes	restricted
AIRT_MAX	Historical maximum of mean-annual air temperature	yes	restricted
AIRT_MIN	Historical minimum of mean-annual air temperature	yes	restricted
SNOW_MAX	Historical maximum of annual snow cover	yes	restricted
EV_MAX	Historical maximum of annual evaporation	yes	restricted

HUM_MIN	Historical minimum of relative humidity	yes	restricted
SOL_MAX	Historical maximum of annual solar radiation	yes	restricted
INSOL_MAX	Historical maximum of annual insolation duration	yes	restricted
AIRPRESS_MAX	Historical maximum of annual air preassure	yes	restricted
AIRPRESS_MIN	Historical minimum of annual air preassure	yes	restricted
WIND_SPEED	Historical maximum of wind speed	yes	restricted
WIND_DIRECTION	Direction of historical maximum of wind speed	yes	restricted
Real-timeData – Table Description: Real-time data			Unclassified
MONITORING_POINT_ID	Monitoring Point ID	yes	unclassified
ID	Raw ID	no	unclassified
PRECIP24_TIME	Time of daily total precipitation data	yes	unclassified
PRECIP24	Daily total precipitation data	yes	unclassified
PRECIP_TIME	Time of real-time precipitation data	yes	unclassified
PRECIP	Real-time precipitation data	yes	unclassified
TEMPERATURE_TIME	Time of real-time air temperature data	yes	unclassified
TEMPERATURE	Real-time air temperature data	yes	unclassified
SNOW_TIME	Time of real-time snow depth data	yes	unclassified
SNOW	Real-time snow depth data	yes	unclassified
DocumentRef – Table Description: Documentation on the gauging station			Restricted
MONITORING_POINT_ID	Monitoring Point ID	yes	restricted
ID	Raw ID	no	restricted
Name	Name of document (e.g. Yearbook)	yes	restricted
Description	Short description of document	no	restricted
Format	Format of document (e.g. *.pdf, *.xls, *.doc)	yes	restricted
Editor	Name of institution	yes	restricted
Archive number	Official number of document	yes	restricted
Year	Year of publication	yes	restricted
Link	Hyperlink	no	restricted

ANNEX III: Declaration of the Data User

For the SavaGIS data administrated by the International Sava River Basin Commission (Sava Commission) the undersigned declares that he/she is cognisant of the complete content of the present form and is responsible for a corresponding use of the data provided by the Secretariat of Sava Commission.

This Declaration shall automatically terminate, and the data access cancelled upon failure by you to comply with its terms. This Declaration may only be modified in writing signed by an authorised officer of the Sava Commission.

The undersigned agrees to use the data under the following conditions:

- The data will not be transferred either in part or total to third parties or to the general public (e.g. by electronic media), without the written consent of the Sava Commission.
- The data will not be used for commercial purposes without the written consent of the Sava Commission. The Sava Commission itself will obtain clearance from the respective data providers prior to the release of data for commercial purposes.
- The data will be available for personal use of the signing person or for internal use by staff working in the organisation under the supervision of the signing person.
- The data will be not accessible to unauthorized persons.
- After completion of the specified studies, the data will be kept separate from the general data processing facilities.
- After completion of the studies and parts thereof, two copies of the results will be made available for the Sava Commission, as well as publications arising from the use of the data set or parts thereof.
- In all publications, the source of the data will be fully cited as: "*This product includes data licensed from the International Sava River Basin Commission (Sava Commission).*"

Disclaimer: While the Secretariat of Sava Commission makes every effort to eliminate errors from the data, the Secretariat of Sava Commission reserves the right to not be responsible for the topicality, correctness, completeness or quality of the information provided. Liability claims regarding damage caused by the use of any information provided, including any kind of information which is incomplete or incorrect, will therefore be rejected. Neither the Secretariat of Sava Commission nor data providers can be held responsible for the consequences of the use of the data.

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Copyright: The provided data is owned by the respective Parties to the Framework Agreement on the Sava River Basin. The copyright for all information in the data is reserved. You may access and use this data. You must treat this data just as you would any other copyrighted material. You agree not to modify this data. This Declaration does not grant you any property rights in this data. Any restrictions indicated in the (meta)data have to be taken into consideration.

I, as principal researcher/representative of the requesting organization, agree to the conditions stated above.

Place and date   :_____

Signature   :_____