



Waterbase - Biology, 2022

Waterbase is the generic name given to the EEA's databases on the status and quality of Europe's rivers, lakes, groundwater bodies and transitional, coastal and marine waters, on the quantity of Europe's water resources, and on the emissions to surface waters from point and diffuse sources of pollution.

Simple

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	European Environment Agency				Point of contact
	European Environment Agency			http://www.eea.europa.eu#organization	Publisher
	European Environment Agency			http://www.eea.europa.eu	Processor

Point of contact

No information provided.

Maintenance and update frequency	Annually
Reporting obligations	<ul style="list-style-type: none"> WISE SoE - Biology data (WISE-2)
EEA Management Plan	<ul style="list-style-type: none"> 2022 1.1.2
EEA topics	<ul style="list-style-type: none"> Water
Keywords	
Keywords	
Continents, countries, sea regions of the world.	<ul style="list-style-type: none"> Slovakia Lithuania Norway Austria Finland Latvia Belgium Croatia Luxembourg Cyprus Germany Poland Estonia Spain Netherlands

	<ul style="list-style-type: none"> • Ireland • Romania • Sweden • Bulgaria • France • Portugal • Denmark • Italy • United Kingdom • Slovenia 																					
Use limitation	EEA standard re-use policy: unless otherwise indicated, re-use of content on the EEA website for commercial or non-commercial purposes is permitted free of charge, provided that the source is acknowledged (https://www.eea.europa.eu/legal/copyright). Copyright holder: European Environment Agency (EEA).																					
Access constraints	Other restrictions																					
Other constraints	No limitations to public access																					
Language of dataset	English																					
Topic category	<ul style="list-style-type: none"> • Environment 																					
Begin date	1990-01-01																					
End date	2022-12-31																					
Distribution format	<ul style="list-style-type: none"> • Spatialite () • ascii (.csv, .txt, .sql) () 																					
OnLine resource	<table border="1"> <thead> <tr> <th>Protocol</th> <th>Linkage</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>EEA:FOLDERPATH</td> <td>https://sdi.eea.europa.eu/webdav/datastore/public/eea_t_waterbase-biology_p_1990-2022_v01_r00/</td> <td></td> </tr> <tr> <td>WWW:URL</td> <td>https://sdi.eea.europa.eu/data/c06cb791-f6e1-4301-bbde-6c45b1f6389a</td> <td>Direct download</td> </tr> <tr> <td>WWW:DOWNLOAD-1.0-http--download</td> <td>https://sdi.eea.europa.eu/catalogue/srv/api/records/c06cb791-f6e1-4301-bbde-6c45b1f6389a/attachments/Waterbase_v2022_1_dataset_definition_S_WISE2_SpatialObject_DerivedData.csv?approved=true</td> <td>Dataset definition for spatial objects</td> </tr> <tr> <td>WWW:DOWNLOAD-1.0-http--download</td> <td>https://sdi.eea.europa.eu/catalogue/srv/api/records/c06cb791-f6e1-4301-bbde-6c45b1f6389a/attachments/Waterbase_v2022_1_dataset_definition_T_WISE2_BiologyEQRClassificationProcedure.csv?approved=true</td> <td>Dataset definition for EQR classification procedure</td> </tr> <tr> <td>WWW:DOWNLOAD-1.0-http--download</td> <td>https://sdi.eea.europa.eu/catalogue/srv/api/records/c06cb791-f6e1-4301-bbde-6c45b1f6389a/attachments/Waterbase_v2022_1_dataset_definition_T_WISE2_BiologyEQRData.csv?approved=true</td> <td>Dataset definition for EQR data</td> </tr> <tr> <td>WWW:DOWNLOAD-1.0-http--download</td> <td>https://sdi.eea.europa.eu/catalogue/srv/api/records/c06cb791-f6e1-4301-bbde-6c45b1f6389a/attachments/Waterbase_v2022_1_dataset_definition_T_WISE2_BiologyEQRDataByWaterBody.csv?approved=true</td> <td>Dataset definition for EQR data by water body</td> </tr> </tbody> </table>	Protocol	Linkage	Name	EEA:FOLDERPATH	https://sdi.eea.europa.eu/webdav/datastore/public/eea_t_waterbase-biology_p_1990-2022_v01_r00/		WWW:URL	https://sdi.eea.europa.eu/data/c06cb791-f6e1-4301-bbde-6c45b1f6389a	Direct download	WWW:DOWNLOAD-1.0-http--download	https://sdi.eea.europa.eu/catalogue/srv/api/records/c06cb791-f6e1-4301-bbde-6c45b1f6389a/attachments/Waterbase_v2022_1_dataset_definition_S_WISE2_SpatialObject_DerivedData.csv?approved=true	Dataset definition for spatial objects	WWW:DOWNLOAD-1.0-http--download	https://sdi.eea.europa.eu/catalogue/srv/api/records/c06cb791-f6e1-4301-bbde-6c45b1f6389a/attachments/Waterbase_v2022_1_dataset_definition_T_WISE2_BiologyEQRClassificationProcedure.csv?approved=true	Dataset definition for EQR classification procedure	WWW:DOWNLOAD-1.0-http--download	https://sdi.eea.europa.eu/catalogue/srv/api/records/c06cb791-f6e1-4301-bbde-6c45b1f6389a/attachments/Waterbase_v2022_1_dataset_definition_T_WISE2_BiologyEQRData.csv?approved=true	Dataset definition for EQR data	WWW:DOWNLOAD-1.0-http--download	https://sdi.eea.europa.eu/catalogue/srv/api/records/c06cb791-f6e1-4301-bbde-6c45b1f6389a/attachments/Waterbase_v2022_1_dataset_definition_T_WISE2_BiologyEQRDataByWaterBody.csv?approved=true	Dataset definition for EQR data by water body
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OnLine resource

No information provided.

Hierarchy level	Dataset
Statement	<p>This Waterbase contains biological data in rivers, lakes, transitional and coastal waters, which is reported as national ecological quality ratios (EQRs) and converted to normalised EQRs by EEA.</p> <p>The data was delivered between 2012 and 2021 by EEA member countries and cooperating countries, in the scope of the current WISE SoE - Biology (WISE-2) reporting obligation and the retired WISE SoE - Water Quality (WISE-4), River quality (EWN-1) and Lake quality (EWN-2) reporting obligations.</p>

The national data deliveries are compiled into a European-wide Waterbase. The data is used for EEA core set indicators that assess the state, trends in water related pressures and monitor the progress of European policy objectives. No data are available for the United Kingdom after Brexit.

The original data is available in the EIONET Central Data Repository.

The dataset contains normalised EQR (environmental quality ratio) values for biological quality elements (BQEs) such as phytoplankton, phytobenthos, macroalgae, angiosperms, macroinvertebrates and/or fish in rivers, lakes, transitional and/or coastal waters. A list of spatial object identifiers with selected attributes, reported through WFD and WISE Spatial data reporting, is added to dataset as spatial reference. The data has been compiled and processed by EEA.

Metadata

File identifier	c06cb791-f6e1-4301-bbde-6c45b1f6389a XML		
Metadata language	English		
Character set	UTF8		
Hierarchy level	Tabular dataset		
Hierarchy level name	Tabular dataset		
Date stamp	2024-07-11T13:55:20.052696Z		
Metadata standard name	ISO 19115:2003/19139		
Metadata standard version	1.0		
Metadata author	Organisation name	Individual name	Electronic mail address Website Role
	European Environment Agency		sdi@eea.europa.eu Point of contact

Overviews

waterBod	waterBod	paramete	paramete	paramete	observed	observed	procedure	phenome	paramete	resultEcol	resultNun	resultEQR	resultNori	resultObs	remarks	metadata	metadata	metadata	metadata	metadata	UID
EEEE_15	euSurface CW	V	HMWB	EEA_121-C Macroalgae EPI	2013	2013-06--				2	87	0.713	0.742			http://dis 2020-01-0' derived					12250
EEEE_12	euSurface CW	VI	Natural	EEA_121-C Macroalgae EPI	2013	2013-06--				2	109	0.71	0.74			http://dis 2020-01-0' derived					12251
EEEE_8	euSurface CW	V	Natural	EEA_121-C Macroalgae EPI	2013	2013-06--				2	80	0.536	0.624			http://dis 2020-01-0' derived					12252
EEEE_13	euSurface CW	II	Natural	EEA_121-C Macroalgae EPI	2013	2013-06--				3	77	0.371	0.471			http://dis 2020-01-0' derived					12253
EEEE_5	euSurface CW	III	Natural	EEA_121-C Macroalgae Other	2013	2013-06--				3	104	0.559	0.493		Other - EP	http://dis 2020-01-0' derived					12254
EEEE_1	euSurface CW	I	Natural	EEA_121-C Macroalgae Other	2013	2013-06--				3	87	0.438	0.449		Other - EP	http://dis 2020-01-0' derived					12255
EEEE_15	euSurface CW	V	HMWB	EEA_13-05 Invertebr: Other	2013	2013-06--				2	18	0.66	0.707		Other - ZB	http://dis 2020-01-0' derived					12256
EEEE_12	euSurface CW	VI	Natural	EEA_13-05 Invertebr: Other	2013	2013-06--				2	9	0.624	0.683		Other - ZB	http://dis 2020-01-0' derived					12257
EEEE_8	euSurface CW	V	Natural	EEA_13-05 Invertebr: Other	2013	2013-06--				2	12	0.574	0.649		Other - ZB	http://dis 2020-01-0' derived					12258
EEEE_13	euSurface CW	II	Natural	EEA_13-05 Invertebr: Other	2013	2013-06--				2	9	0.593	0.662		Other - ZB	http://dis 2020-01-0' derived					12259
EEEE_5	euSurface CW	III	Natural	EEA_13-05 Invertebr: Other	2013	2013-06--				4	9	0.169	0.398		Other - ZK	http://dis 2020-01-0' derived					12260
EEEE_1	euSurface CW	I	Natural	EEA_13-05 Invertebr: Other	2013	2013-06--				2	9	0.261	0.628		Other - ZK	http://dis 2020-01-0' derived					12261
EEEE_8	euSurface CW	V	Natural	EEA_11-06 Phytopl: Other	2014	2014-06--				5	42	0.214	0.195		Other - Ph	http://dis 2020-01-0' derived					12262
EEEE_4	euSurface CW	III	Natural	EEA_11-06 Phytopl: Other	2014	2014-06--				2	24	0.705	0.647		Other - Ph	http://dis 2020-01-0' derived					12263
EEEE_5	euSurface CW	III	Natural	EEA_11-06 Phytopl: Other	2014	2014-06--				1	36	0.829	0.81		Other - Ph	http://dis 2020-01-0' derived					12264
EEEE_1	euSurface CW	I	Natural	EEA_11-06 Phytopl: Other	2014	2014-06--				1	42	0.869	0.846		Other - Ph	http://dis 2020-01-0' derived					12265
EEEE_13	euSurface CW	II	Natural	EEA_11-06 Phytopl: Other	2014	2014-06--				3	21	0.574	0.544		Other - Ph	http://dis 2020-01-0' derived					12266
EEEE_3	euSurface CW	III	Natural	EEA_11-06 Phytopl: Other	2014	2014-06--				2	36	0.734	0.685		Other - Ph	http://dis 2020-01-0' derived					12267
EEEE_8	euSurface CW	V	Natural	EEA_121-C Macroalgae EPI	2014	2014-06--				3	72	0.477	0.577			http://dis 2020-01-0' derived					12268
EEEE_4	euSurface CW	III	Natural	EEA_121-C Macroalgae Other	2014	2014-06--				3	75	0.692	0.54		Other - EP	http://dis 2020-01-0' derived					12269
EEEE_5	euSurface CW	III	Natural	EEA_121-C Macroalgae Other	2014	2014-06--				3	93	0.621	0.515		Other - EP	http://dis 2020-01-0' derived					12270
EEEE_1	euSurface CW	I	Natural	EEA_121-C Macroalgae Other	2014	2014-06--				3	77	0.337	0.413		Other - EP	http://dis 2020-01-0' derived					12271
EEEE_13	euSurface CW	II	Natural	EEA_121-C Macroalgae EPI	2014	2014-06--				3	72	0.392	0.492			http://dis 2020-01-0' derived					12272
EEEE_3	euSurface CW	III	Natural	EEA_121-C Macroalgae Other	2014	2014-06--				3	71	0.846	0.595		Other - EP	http://dis 2020-01-0' derived					12273
EEEE_8	euSurface CW	V	Natural	EEA_13-05 Invertebr: Other	2014	2014-06--				2	9	0.595	0.663		Other - ZB	http://dis 2020-01-0' derived					12274
EEEE_4	euSurface CW	III	Natural	EEA_13-05 Invertebr: Other	2014	2014-06--				3	9	0.211	0.517		Other - ZK	http://dis 2020-01-0' derived					12275
EEEE_5	euSurface CW	III	Natural	EEA_13-05 Invertebr: Other	2014	2014-06--				4	11	0.144	0.342		Other - ZK	http://dis 2020-01-0' derived					12276
EEEE_1	euSurface CW	I	Natural	EEA_13-05 Invertebr: Other	2014	2014-06--				3	9	0.188	0.451		Other - ZK	http://dis 2020-01-0' derived					12277
EEEE_13	euSurface CW	II	Natural	EEA_13-05 Invertebr: Other	2014	2014-06--				2	9	0.54	0.627		Other - ZB	http://dis 2020-01-0' derived					12278
EEEE_3	euSurface CW	III	Natural	EEA_13-05 Invertebr: Other	2014	2014-06--				1	9	0.579	0.862		Other - ZK	http://dis 2020-01-0' derived					12279
EEEE_5	euSurface CW	III	Natural	EEA_11-06 Phytopl: Other	2015	2015-06--				3	42	0.332	0.401		Other - Ph	http://dis 2020-01-0' derived					12280
EEEE_1	euSurface CW	I	Natural	EEA_11-06 Phytopl: Other	2015	2015-06--				3	42	0.479	0.488		Other - Ph	http://dis 2020-01-0' derived					12281
EEEE_13	euSurface CW	II	Natural	EEA_11-06 Phytopl: Other	2015	2015-06--				3	21	0.515	0.509		Other - Ph	http://dis 2020-01-0' derived					12282
EEEE_16	euSurface CW	V	Natural	EEA_11-06 Phytopl: Other	2015	2015-06--				3	36	0.595	0.556		Other - Ph	http://dis 2020-01-0' derived					12283
EEEE_8	euSurface CW	V	Natural	EEA_11-06 Phytopl: Other	2015	2015-06--				4	36	0.328	0.396		Other - Ph	http://dis 2020-01-0' derived					12284
EEEE_9	euSurface CW	V	Natural	EEA_11-06 Phyt: Other	2015	2015-06--				3	36	0.517	0.51		Other - Ph	http://dis 2020-01-0' derived					12285

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