

## Waterbase - Biology, 2023

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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### Point of contact

No information provided.

Maintenance and update frequency	Annually
<a href="#">Reporting obligations</a>	<ul style="list-style-type: none"> <li><a href="#">WISE SoE - Biology data (WISE-2)</a></li> </ul>
EEA Management Plan	<ul style="list-style-type: none"> <li>2024 1.1.6</li> </ul>
EEA topics	<ul style="list-style-type: none"> <li>Water</li> </ul>
Keywords	
Keywords	
<a href="#">Continents, countries, sea regions of the world.</a>	<ul style="list-style-type: none"> <li><a href="#">Slovakia</a></li> <li><a href="#">Lithuania</a></li> <li><a href="#">Norway</a></li> <li><a href="#">Austria</a></li> <li><a href="#">Finland</a></li> <li><a href="#">Latvia</a></li> <li><a href="#">Belgium</a></li> <li><a href="#">Croatia</a></li> <li><a href="#">Luxembourg</a></li> <li><a href="#">Cyprus</a></li> <li><a href="#">Germany</a></li> <li><a href="#">Poland</a></li> <li><a href="#">Estonia</a></li> <li><a href="#">Spain</a></li> </ul>

	<ul style="list-style-type: none"> <li>• <a href="#">Netherlands</a></li> <li>• <a href="#">Ireland</a></li> <li>• <a href="#">Romania</a></li> <li>• <a href="#">Sweden</a></li> <li>• <a href="#">Bulgaria</a></li> <li>• <a href="#">France</a></li> <li>• <a href="#">Portugal</a></li> <li>• <a href="#">Denmark</a></li> <li>• <a href="#">Italy</a></li> <li>• <a href="#">United Kingdom</a></li> <li>• <a href="#">Slovenia</a></li> </ul>
<b>Use limitation</b>	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 ( <a href="https://www.eea.europa.eu/legal/copyright">https://www.eea.europa.eu/legal/copyright</a> ). Copyright holder: European Environment Agency (EEA).
<b>Access constraints</b>	Other restrictions
<b>Other constraints</b>	<a href="#">No limitations to public access</a>
<b>Language of dataset</b>	English
<b>Topic category</b>	<ul style="list-style-type: none"> <li>• Environment</li> </ul>
<b>Begin date</b>	2012-01-01
<b>End date</b>	2023-12-31
<b>Distribution format</b>	<ul style="list-style-type: none"> <li>• Spatialite ( )</li> <li>• ascii (.csv, .txt, .sql) ( )</li> </ul>

<b>OnLine resource</b>	<b>Protocol</b>	<b>Linkage</b>	<b>Name</b>
	EEA:FOLDERPATH	<a href="https://sdi.eea.europa.eu/webdav/datastore/public/eea_t_waterbase-biology_p_1990-2023_v01_r00/">https://sdi.eea.europa.eu/webdav/datastore/public/eea_t_waterbase-biology_p_1990-2023_v01_r00/</a>	
	WWW:URL	<a href="https://sdi.eea.europa.eu/data/27edf083-e903-4b53-b757-81a266b0151d">https://sdi.eea.europa.eu/data/27edf083-e903-4b53-b757-81a266b0151d</a>	Direct download
	WWW:DOWNLOAD-1.0-http--download	<a href="https://sdi.eea.europa.eu/catalogue/srv/api/records/27edf083-e903-4b53-b757-81a266b0151d/attachments/Waterbase_v2022_1_dataset_definition_S_WISE2_SpatialObject_DerivedData.csv?approved=true">https://sdi.eea.europa.eu/catalogue/srv/api/records/27edf083-e903-4b53-b757-81a266b0151d/attachments/Waterbase_v2022_1_dataset_definition_S_WISE2_SpatialObject_DerivedData.csv?approved=true</a>	Dataset definition for spatial objects
	WWW:DOWNLOAD-1.0-http--download	<a href="https://sdi.eea.europa.eu/catalogue/srv/api/records/27edf083-e903-4b53-b757-81a266b0151d/attachments/Waterbase_v2022_1_dataset_definition_T_WISE2_BiologyEQRClassificationProcedure.csv?approved=true">https://sdi.eea.europa.eu/catalogue/srv/api/records/27edf083-e903-4b53-b757-81a266b0151d/attachments/Waterbase_v2022_1_dataset_definition_T_WISE2_BiologyEQRClassificationProcedure.csv?approved=true</a>	Dataset definition for EQR classification procedure
	WWW:DOWNLOAD-1.0-http--download	<a href="https://sdi.eea.europa.eu/catalogue/srv/api/records/27edf083-e903-4b53-b757-81a266b0151d/attachments/Waterbase_v2022_1_dataset_definition_T_WISE2_BiologyEQRData.csv?approved=true">https://sdi.eea.europa.eu/catalogue/srv/api/records/27edf083-e903-4b53-b757-81a266b0151d/attachments/Waterbase_v2022_1_dataset_definition_T_WISE2_BiologyEQRData.csv?approved=true</a>	Dataset definition for EQR data
WWW:DOWNLOAD-1.0-http--download	<a href="https://sdi.eea.europa.eu/catalogue/srv/api/records/27edf083-e903-4b53-b757-81a266b0151d/attachments/Waterbase_v2022_1_dataset_definition_T_WISE2_BiologyEQRDataByWaterBody.csv?approved=true">https://sdi.eea.europa.eu/catalogue/srv/api/records/27edf083-e903-4b53-b757-81a266b0151d/attachments/Waterbase_v2022_1_dataset_definition_T_WISE2_BiologyEQRDataByWaterBody.csv?approved=true</a>	Dataset definition for EQR data by water body	

## OnLine resource

No information provided.

<b>Hierarchy level</b>	Dataset
<b>Statement</b>	<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 2022 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

<b>File identifier</b>	27edf083-e903-4b53-b757-81a266b0151d <a href="#">XML</a>		
<b>Metadata language</b>	English		
<b>Character set</b>	UTF8		
<b>Hierarchy level</b>	Tabular dataset		
<b>Hierarchy level name</b>	Tabular dataset		
<b>Date stamp</b>	2024-07-11T13:54:33.746387Z		
<b>Metadata standard name</b>	ISO 19115:2003/19139		
<b>Metadata standard version</b>	1.0		
<b>Metadata author</b>	<b>Organisation name</b>	<b>Individual name</b>	<b>Electronic mail address</b> <b>Website Role</b>
	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			<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12250
EEEE_12	euSurface CW	VI	Natural	EEA_121-C Macroalgae EPI	2013	2013-06--				2	109	0.71	0.74			<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12251
EEEE_8	euSurface CW	V	Natural	EEA_121-C Macroalgae EPI	2013	2013-06--				2	80	0.536	0.624			<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12252
EEEE_13	euSurface CW	II	Natural	EEA_121-C Macroalgae EPI	2013	2013-06--				3	77	0.371	0.471			<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12253
EEEE_5	euSurface CW	III	Natural	EEA_121-C Macroalgae Other	2013	2013-06--				3	104	0.559	0.493		Other - EP	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12254
EEEE_1	euSurface CW	I	Natural	EEA_121-C Macroalgae Other	2013	2013-06--				3	87	0.438	0.449		Other - EP	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12255
EEEE_15	euSurface CW	V	HMWB	EEA_13-05 Invertebr: Other	2013	2013-06--				2	18	0.66	0.707		Other - ZB	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12256
EEEE_12	euSurface CW	VI	Natural	EEA_13-05 Invertebr: Other	2013	2013-06--				2	9	0.624	0.683		Other - ZB	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12257
EEEE_8	euSurface CW	V	Natural	EEA_13-05 Invertebr: Other	2013	2013-06--				2	12	0.574	0.649		Other - ZB	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12258
EEEE_13	euSurface CW	II	Natural	EEA_13-05 Invertebr: Other	2013	2013-06--				2	9	0.593	0.662		Other - ZB	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12259
EEEE_5	euSurface CW	III	Natural	EEA_13-05 Invertebr: Other	2013	2013-06--				4	9	0.169	0.398		Other - ZK	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12260
EEEE_1	euSurface CW	I	Natural	EEA_13-05 Invertebr: Other	2013	2013-06--				2	9	0.261	0.628		Other - ZK	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12261
EEEE_8	euSurface CW	V	Natural	EEA_11-06 Phytopl: Other	2014	2014-06--				5	42	0.214	0.195		Other - Ph	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12262
EEEE_4	euSurface CW	III	Natural	EEA_11-06 Phytopl: Other	2014	2014-06--				2	24	0.705	0.647		Other - Ph	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12263
EEEE_5	euSurface CW	III	Natural	EEA_11-06 Phytopl: Other	2014	2014-06--				1	36	0.829	0.81		Other - Ph	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12264
EEEE_1	euSurface CW	I	Natural	EEA_11-06 Phytopl: Other	2014	2014-06--				1	42	0.869	0.846		Other - Ph	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12265
EEEE_13	euSurface CW	II	Natural	EEA_11-06 Phytopl: Other	2014	2014-06--				3	21	0.574	0.544		Other - Ph	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12266
EEEE_3	euSurface CW	III	Natural	EEA_11-06 Phytopl: Other	2014	2014-06--				2	36	0.734	0.685		Other - Ph	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12267
EEEE_8	euSurface CW	V	Natural	EEA_121-C Macroalgae EPI	2014	2014-06--				3	72	0.477	0.577			<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12268
EEEE_4	euSurface CW	III	Natural	EEA_121-C Macroalgae Other	2014	2014-06--				3	75	0.692	0.54		Other - EP	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12269
EEEE_5	euSurface CW	III	Natural	EEA_121-C Macroalgae Other	2014	2014-06--				3	93	0.621	0.515		Other - EP	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12270
EEEE_1	euSurface CW	I	Natural	EEA_121-C Macroalgae Other	2014	2014-06--				3	77	0.337	0.413		Other - EP	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12271
EEEE_13	euSurface CW	II	Natural	EEA_121-C Macroalgae EPI	2014	2014-06--				3	72	0.392	0.492			<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12272
EEEE_3	euSurface CW	III	Natural	EEA_121-C Macroalgae Other	2014	2014-06--				3	71	0.846	0.595		Other - EP	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12273
EEEE_8	euSurface CW	V	Natural	EEA_13-05 Invertebr: Other	2014	2014-06--				2	9	0.595	0.663		Other - ZB	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12274
EEEE_4	euSurface CW	III	Natural	EEA_13-05 Invertebr: Other	2014	2014-06--				3	9	0.211	0.517		Other - ZK	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12275
EEEE_5	euSurface CW	III	Natural	EEA_13-05 Invertebr: Other	2014	2014-06--				4	11	0.144	0.342		Other - ZK	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12276
EEEE_1	euSurface CW	I	Natural	EEA_13-05 Invertebr: Other	2014	2014-06--				3	9	0.188	0.451		Other - ZK	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12277
EEEE_13	euSurface CW	II	Natural	EEA_13-05 Invertebr: Other	2014	2014-06--				2	9	0.54	0.627		Other - ZB	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12278
EEEE_3	euSurface CW	III	Natural	EEA_13-05 Invertebr: Other	2014	2014-06--				1	9	0.579	0.862		Other - ZK	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12279
EEEE_5	euSurface CW	III	Natural	EEA_11-06 Phytopl: Other	2015	2015-06--				3	42	0.332	0.401		Other - Ph	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12280
EEEE_1	euSurface CW	I	Natural	EEA_11-06 Phytopl: Other	2015	2015-06--				3	42	0.479	0.488		Other - Ph	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12281
EEEE_13	euSurface CW	II	Natural	EEA_11-06 Phytopl: Other	2015	2015-06--				3	21	0.515	0.509		Other - Ph	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12282
EEEE_16	euSurface CW	V	Natural	EEA_11-06 Phytopl: Other	2015	2015-06--				3	36	0.595	0.556		Other - Ph	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12283
EEEE_8	euSurface CW	V	Natural	EEA_11-06 Phytopl: Other	2015	2015-06--				4	36	0.328	0.396		Other - Ph	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12284
EEEE_9	euSurface CW	V	Natural	EEA_11-06 Phyt: Other	2015	2015-06--				3	36	0.517	0.51		Other - Ph	<a href="http://dis 2020-01-0' derived">http://dis 2020-01-0' derived</a>					12285

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