



## Extended wetland ecosystem layer 2018 (raster 100m) version 1, Jul. 2021

This metadata refers to the raster dataset that presents the ecosystem wetlands extent in 2018 in Europe. It includes 20 wetland classes which, besides inland and coastal wetlands, includes transitional ecosystems corresponding to wetlands such as riparian forests, wet grasslands, estuaries, or rice fields.

A great diversity of wetlands exists making the definition of a wetland ecosystem both challenging and controversial. The development of an extended wetland ecosystem layer according to the definition of the Ramsar convention is an explicit policy request in Europe which builds on an ecosystem-based justification of an inclusive definition, delimitation and delineation of wetlands, looking at the "hydro-ecological" boundaries of this ecosystem (including their wetness and flow characteristics).

### Simple

Date (Creation)	2021-07-31				
Date (Publication)	2022-06-30				
Edition	01.00				
Citation identifier	eea_r_3035_100_m_extended-wetland-ecosystem_p_2018_v01_r00				
Point of contact	Organisation name European Environment Agency  European Environment Agency	Individual name	Electronic mail sdi@eea.europa.eu	Website <a href="http://www.eea.europa.eu">http://www.eea.europa.eu</a>	Role Point of contact
			sdi@eea.europa.eu		Custodian

### Point of contact

No information provided.

Maintenance and update frequency	As needed
GEMET - INSPIRE themes, version 1.0	• <a href="#">Land cover</a>
Keywords	
Keywords	
GEMET	<ul style="list-style-type: none"><li>• wetland</li><li>• ecosystem assessment</li><li>• wetlands ecosystem</li><li>• ecosystem</li><li>• Water Framework Directive</li><li>• biodiversity</li></ul>
Continents, countries, sea regions of the world.	<ul style="list-style-type: none"><li>• EEA38 (from 2020)</li><li>• United Kingdom</li></ul>
Spatial scope	<ul style="list-style-type: none"><li>• European</li></ul>
EEA topics	<ul style="list-style-type: none"><li>• Biodiversity</li><li>• Water</li></ul>

	<ul style="list-style-type: none"> <li>• Forests and forestry</li> </ul>
<b>Access constraints</b>	Other restrictions
<b>Other constraints</b>	<a href="#">no limitations to public access</a>
<b>Use constraints</b>	Other restrictions
<b>Other constraints</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="http://www.eea.europa.eu/legal/copyright">http://www.eea.europa.eu/legal/copyright</a> ). Copyright holder: European Environment Agency (EEA).
<b>Spatial representation type</b>	Grid
<b>Distance</b>	100 100 m
<b>Language of dataset</b>	English
<b>Topic category</b>	<ul style="list-style-type: none"> <li>• Environment</li> </ul>

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<b>Begin date</b>	2012-01-01															
<b>End date</b>	2018-12-31															
<b>Coordinate reference system identifier</b>	<a href="#">EPSG:3035</a>															
<b>Distribution format</b>	<ul style="list-style-type: none"> <li>• GeoTIFF ( )</li> </ul>															
<b>OnLine resource</b>	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Protocol</th> <th style="width: 40%;">Linkage</th> <th style="width: 30%;">Name</th> </tr> </thead> <tbody> <tr> <td>EEA: FOLDERPATH</td><td><a href="https://sdi.eea.europa.eu/webdav/datastore/public/eea_r_3035_100_m_extended-wetland_ecosystem_p_2018_v01_r00/TIFF/">https://sdi.eea.europa.eu/webdav/datastore/public/eea_r_3035_100_m_extended-wetland_ecosystem_p_2018_v01_r00/TIFF/</a></td><td></td></tr> <tr> <td>ESRI: REST</td><td><a href="https://land.discomap.eea.europa.eu/arcgis/rest/services/Land/Extended_wetland_ecosystem_2018/ImageServer">https://land.discomap.eea.europa.eu/arcgis/rest/services/Land/Extended_wetland_ecosystem_2018/ImageServer</a></td><td></td></tr> <tr> <td>OGC: WMS</td><td><a href="https://land.discomap.eea.europa.eu/arcgis/services/Land/Extended_wetland_ecosystem_2018/ImageServer/WMServer?request=GetCapabilities&amp;service=WMS">https://land.discomap.eea.europa.eu/arcgis/services/Land/Extended_wetland_ecosystem_2018/ImageServer/WMServer?request=GetCapabilities&amp;service=WMS</a></td><td></td></tr> <tr> <td>WWW: URL</td><td><a href="https://sdi.eea.europa.eu/data/de2d0d77-a389-49d0-84d7-73a29046823f">https://sdi.eea.europa.eu/data/de2d0d77-a389-49d0-84d7-73a29046823f</a></td><td>Direct download</td></tr> </tbody> </table>	Protocol	Linkage	Name	EEA: FOLDERPATH	<a href="https://sdi.eea.europa.eu/webdav/datastore/public/eea_r_3035_100_m_extended-wetland_ecosystem_p_2018_v01_r00/TIFF/">https://sdi.eea.europa.eu/webdav/datastore/public/eea_r_3035_100_m_extended-wetland_ecosystem_p_2018_v01_r00/TIFF/</a>		ESRI: REST	<a href="https://land.discomap.eea.europa.eu/arcgis/rest/services/Land/Extended_wetland_ecosystem_2018/ImageServer">https://land.discomap.eea.europa.eu/arcgis/rest/services/Land/Extended_wetland_ecosystem_2018/ImageServer</a>		OGC: WMS	<a href="https://land.discomap.eea.europa.eu/arcgis/services/Land/Extended_wetland_ecosystem_2018/ImageServer/WMServer?request=GetCapabilities&amp;service=WMS">https://land.discomap.eea.europa.eu/arcgis/services/Land/Extended_wetland_ecosystem_2018/ImageServer/WMServer?request=GetCapabilities&amp;service=WMS</a>		WWW: URL	<a href="https://sdi.eea.europa.eu/data/de2d0d77-a389-49d0-84d7-73a29046823f">https://sdi.eea.europa.eu/data/de2d0d77-a389-49d0-84d7-73a29046823f</a>	Direct download
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WWW: URL	<a href="https://sdi.eea.europa.eu/data/de2d0d77-a389-49d0-84d7-73a29046823f">https://sdi.eea.europa.eu/data/de2d0d77-a389-49d0-84d7-73a29046823f</a>	Direct download														
<b>Hierarchy level</b>	Dataset															

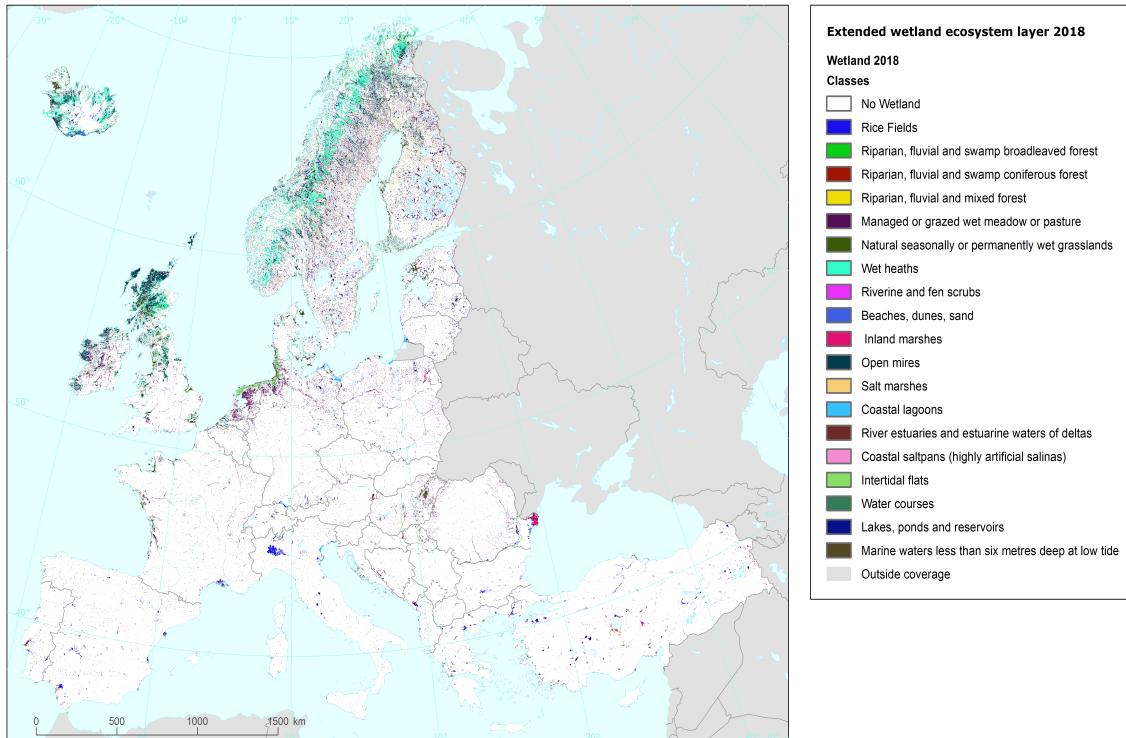
## Conformance result

<b>Date (Publication)</b>	2010-12-08
<b>Explanation</b>	See the referenced specification
<b>Statement</b>	<p>The dataset "Extended wetland ecosystem" is a derived product of the CLC layer for the year 2018 (v20) which has then been reclassified into 20 wetland classes on the basis of ancillary spatial layers ("Water and Wetness 2018" and "Riparian Zone Layer" Copernicus products, the "Ecosystem types of Europe" v3.1 and "The Global Spatial Water Explorer" datasets).</p> <p>The first holistic map of wetland ecosystems at European level (38 EIONET member countries plus the UK), was produced and presented within the European Commission Mapping and Assessing Ecosystems and their Services Working Group (EC MAES WG), following an explicit policy request in Europe.</p> <p>Besides the traditional types of inland and coastal wetlands (i.e. marshes, rivers, lakes, lagoons, estuaries), the layer also covers the forest, grassland and agricultural ecosystems which are seasonally or permanently flooded (i.e. riparian forests, wet grasslands, rice fields) and are therefore considered as wetlands according to the Ramsar Convention definition and typology. This wetland reclassification and mapping considers their hydro-ecological characteristics and provides information about the real spatial extent and distribution of varied wetland habitats.</p> <p>For more details, please refer to the Wetland Thematic Assessment chapter (Maes et al., 2020; <a href="http://publications.jrc.ec.europa.eu/repository/handle/JRC12038">http://publications.jrc.ec.europa.eu/repository/handle/JRC12038</a> 3)</p> <p>Wetland habitats are defined based on the revised classification of the MAES nomenclature, and the guidelines set within the Horizon 2020 Satellite-based Wetland Observation Service (SWOS; <a href="https://www.swos-service.eu/">https://www.swos-service.eu/</a> )</p> <p>The dataset has been validated against the regional wetland inventories of Andalusia and continental Greece.</p>

## Metadata

<b>File identifier</b>	<a href="#">de2d0d77-a389-49d0-84d7-73a29046823f XML</a>		
<b>Metadata language</b>	English		
<b>Character set</b>	UTF8		
<b>Hierarchy level</b>	Dataset		
<b>Date stamp</b>	2022-08-15T14:06:05.53Z		
<b>Metadata standard name</b>	ISO 19115/19139		
<b>Metadata standard version</b>	1.0		
<b>Metadata author</b>	<b>Organisation name</b> European Environment Agency	<b>Individual name</b> sdi@eea.europa.eu	<b>Electronic mail address</b> <b>Website</b> <a href="http://sdinet.eea.europa.eu">sdinet.eea.europa.eu</a>
			<b>Role</b> Point of contact

## Overviews



## Provided by

