

EEA coastline for analysis (polygon) - version 3.0, March 2017

The EEA coastline dataset is created for detailed analysis with a Minimum Mapping Unit of e.g. 1:100000, for geographical Europe. The coastline is a hybrid product obtained from satellite imagery from two projects:

1) EUHYDRO (Pan-European hydrographic and drainage database) [<https://land.copernicus.eu/pan-european/satellite-derived-products/eu-hydro/view>] and

2) GSHHG (A Global Self-consistent, Hierarchical, High-resolution Geography Database) [<http://www.soest.hawaii.edu/pwessel/gshhg/>].

The defining criteria was altitude level = 0 from EUDEM [<https://land.copernicus.eu/pan-european/satellite-derived-products/eu-dem/view>]. Outside the coverage of the EUDEM, the coastline from GSHHG was used without modifications. A few manual amendments to the dataset were necessary to meet requirements from EU Nature Directives, Water Framework Directive and Marine Strategy Framework Directive. In 2015, several corrections were made in the Kalogeroi Islands (coordinates 38.169, 25.287) and two other Greek little islets (coordinates 36.766264, 23.604318), as well as in the peninsula of Porkkala (around coordinates 59.99, 24.42).

In this revision (v3, 2017), 2 big lagoons have been removed from Baltic region, because, according to HELCOM, are freshwater lagoons.

This dataset is a polygon usable as a water-land mask.

Simple

Date (Creation)	2017-03-01			
Date (Publication)	2017-03-01			
Edition	3.0			
Citation identifier	eea_v_3035_100_k_coastline-poly_1995-2017_p_v03_r00			
Citation identifier	DAT-132-en			
Point of contact	Organisation name	Individual name	Electronic mail address	Website Role
	European Environment Agency		sdi@eea.europa.eu	http://www.eea.europa.eu Point of contact
	European Environment Agency		sdi@eea.europa.eu	Custodian
			mette.lund@eea.europa.eu	
			irene.barrio@eea.europa.eu	
Maintenance and update frequency	As needed			
GEMET - INSPIRE themes, version 1.0	<ul style="list-style-type: none"> Sea regions 			
Keywords				
Keywords				
Continents, countries, sea regions of the world.	<ul style="list-style-type: none"> Europe 			
GEMET	<ul style="list-style-type: none"> coast 			
	<ul style="list-style-type: none"> 2018 2.6.1 			

EEA Management Plan	<ul style="list-style-type: none"> • Seas and coasts
EEA topics	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 (http://www.eea.europa.eu/legal/copyright). Copyright holder: European Environment Agency (EEA).
Use limitation	
Access constraints	Other restrictions
Other constraints	no limitations to public access
Spatial representation type	Vector
Denominator	100000
Language of dataset	English
Character set	UTF8
Topic category	<ul style="list-style-type: none"> • Oceans • Elevation



Begin date	1995-08-01		
End date	2017-12-31		
Coordinate reference system identifier	EPSG:3035		
Distribution format	<ul style="list-style-type: none"> • SHP (1) 		
OnLine resource	Protocol EEA:FILEPATH WWW:URL ESRI:REST OGC:WMS	Linkage https://sdi.eea.europa.eu/webdav/datastore/public/eea_v_3035_100_k_coastline-poly_1995-2017_p_v03_r00/ https://sdi.eea.europa.eu/data/9faa6ea1-372a-4826-a3c7-fb5b05e31c52 https://marine.discomap.eea.europa.eu/arcgis/rest/services/Marine/EEA_coastline_2017/MapServer https://marine.discomap.eea.europa.eu/arcgis/services/Marine/EEA_coastline_2017/MapServer/WMServer?request=GetCapabilities&service=WMS	Name Direct download 0
Hierarchy level	Dataset		

Conformance result

Date (Publication)	2010-12-08
Explanation	See the referenced specification

Statement	<p>Polygon: the polygon was derived from the parent dataset by adding two straight lines, one North-to-South, at the East-most part of the parent dataset, and the second one West-to-East, at the South-most part of the parent dataset. These 2 lines are taken from the NGA-derived coastline produced by the ETC-BD in 2008. Then a polygon dataset is created using the ArcGIS tool "Feature to Polygon".</p> <p>The Baltic lagoons have been modified with the data from SVAR geodatabase version 2012_2, Swedish Meteorological and Hydrological Institute (SMHI).</p>
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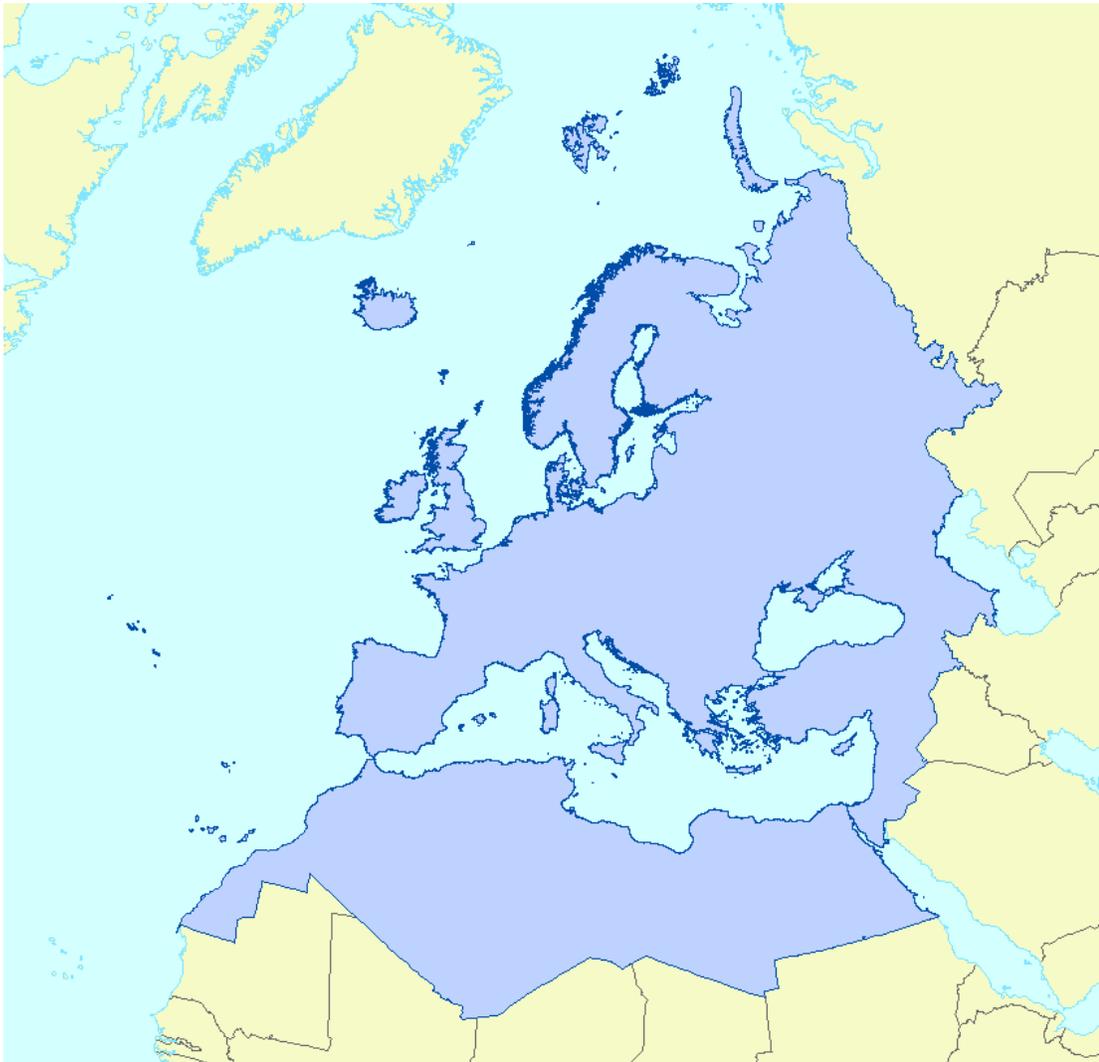
Source	<ul style="list-style-type: none"> •
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Metadata

File identifier	9faa6ea1-372a-4826-a3c7-fb5b05e31c52 XML
Metadata language	English

Character set	UTF8		
Hierarchy level	Dataset		
Date stamp	2024-06-12T10:45:04.879542Z		
Metadata standard name	ISO 19115/19139		
Metadata standard version	1.0		
Metadata author	Organisation name	Individual name	Electronic mail address sdi@eea.europa.eu
	European Environment Agency		Website Role Point of contact

Overviews



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