

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_1995-2012_p_v03_r00		
Citation identifier	DAT-132-en		
Point of contact	Organisation name	Individual name	Electronic mail address Role
	European Environment Agency		info@eea.eur info@eea.europa.eu Point of contact
	European Environment Agency		sdi@eea.eur sdi@eea.europa.eu Custodian
			mette.lund@eea.eur mette.lund@eea.europa.eu
			irene.barrio@eea.eur 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
EEA Management Plan	<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	2012-12-31
CRS identifier	EPSG:3035
Distribution format	<ul style="list-style-type: none"> • SHP (1)

OnLine resource

No information provided.

Hierarchy level	Dataset
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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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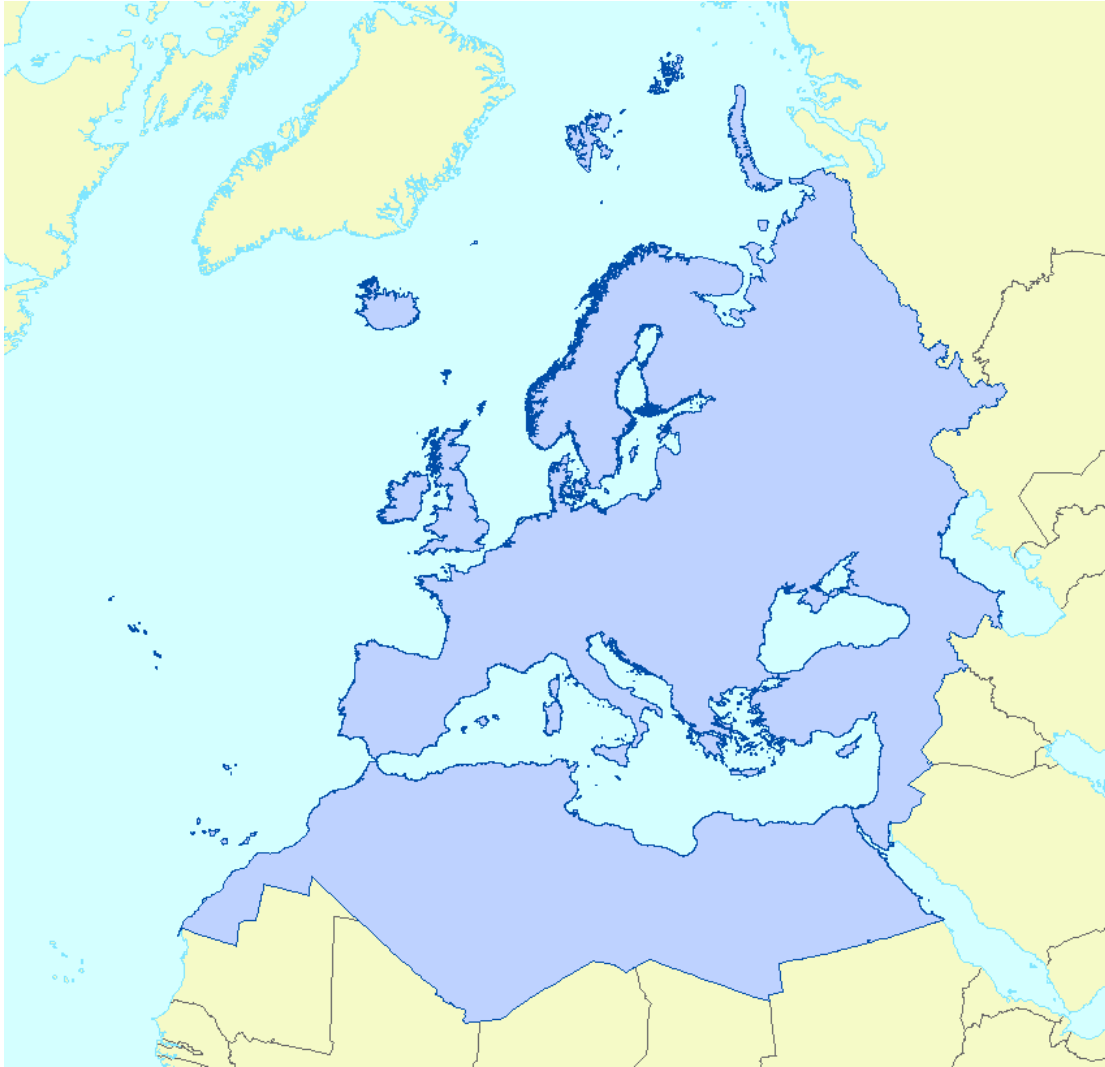
Source	<ul style="list-style-type: none"> • EEA coastline for analysis (raw) - version 3.0, Mar. 2017
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Metadata

File identifier	9faa6ea1-372a-4826-a3c7-fb5b05e31c52 XML
Metadata language	English
Character set	UTF8
Hierarchy level	Dataset
Date stamp	2023-04-14T07:29:47.826Z

Metadata standard name	ISO 19115/19139		
Metadata standard version	1.0		
Metadata author	Organisation name	Individual name	Electronic mail address Role
	European Environment Agency		sdi@eea.europa.eu Point of contact

Overviews



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