



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

Identification info

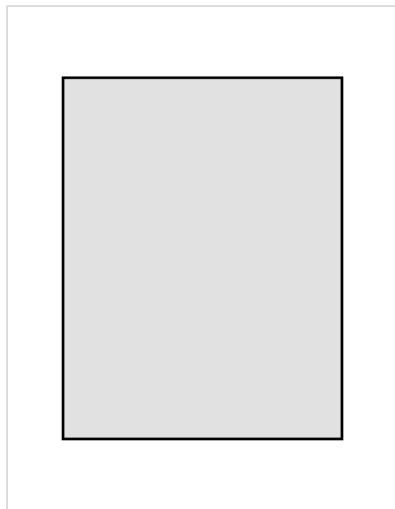
Date (Creation)	2017-03-01																												
Date (Publication)	2017-03-01																												
Edition	3.0																												
Citation identifier	eea_v_3035_100_k_coastline-poly_p_1995-2017_v03_r00																												
Citation identifier	DAT-132-en																												
Point of contact	<table border="1"> <thead> <tr> <th>Organisation</th> <th>Individual</th> <th>Electronic mail address</th> <th>Website</th> <th>Role</th> </tr> </thead> <tbody> <tr> <td>European Environment Agency</td> <td></td> <td>sdi@eea.europa.eu</td> <td>http://www.eea.europa.eu</td> <td>Point of contact</td> </tr> <tr> <td>European Environment Agency</td> <td></td> <td>sdi@eea.europa.eu</td> <td></td> <td>Custodian</td> </tr> <tr> <td></td> <td></td> <td>mette.lund@eea.europa.eu</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>irene.barrio@eea.europa.eu</td> <td></td> <td></td> </tr> </tbody> </table>	Organisation	Individual	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					
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Spatial representation type	Vector																												

Spatial resolution

Equivalent scale

Denominator	100000
Topic category	<ul style="list-style-type: none"> Oceans Elevation

Extent



Extent

Temporal extent

Time period	1995-08-01 2017-12-31
Maintenance and update frequency	As needed
GEMET - INSPIRE themes, version 1.0	<ul style="list-style-type: none"> • Sea regions
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 topics	<ul style="list-style-type: none"> • Seas and coasts

Resource constraints

Use constraints	Other restrictions
Other constraints	License CC-BY 4.0 (https://creativecommons.org/licenses/by/4.0/). Copyright holder: European Environment Agency (EEA).

Resource constraints

Access constraints	Other restrictions
Other constraints	no limitations to public access

Language	English
Character encoding	UTF8

Distribution Information

Distribution format	<ul style="list-style-type: none"> • SHP
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OnLine resource	https://sdi.eea.europa.eu/webdav/datastore/public/eea_v_3035_100_k_coastline-poly_p_1995-2017_v03_r00
OnLine resource	Direct download
OnLine resource	https://marine.discomap.eea.europa.eu/arcgis/rest/services/Marine/EEA_coastline_2017/MapServer
OnLine resource	0 EEA coastline for analysis (polygon) - version 3.0

Data quality info

Hierarchy level	Dataset
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Report

Result

Title	Commission Regulation (EU) No 1089/2010 of 23 November 2010 implementing Directive 2007/2/EC of the European Parliament and of the Council as regards interoperability of spatial data sets and services
Date (Publication)	2010-12-08
Explanation	See the referenced specification

Resource lineage

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>
Hierarchy level	Dataset
Source	<ul style="list-style-type: none"> f3ce9792-0a06-4288-b896-e013c25520fe EEA coastline for analysis (raw) - version 3.0, Mar. 2017

Reference System Information

Reference System Information

Code	EPSG:3035
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Metadata

Metadata identifier	9faa6ea1-372a-4826-a3c7-fb5b05e31c52								
Language	English								
Character encoding	UTF8								
Contact	<table border="0"> <tr> <td>Organisation</td> <td>Individual</td> <td>Electronic mail address</td> <td>Website Role</td> </tr> <tr> <td>European Environment Agency</td> <td></td> <td>sdi@eea.europa.eu</td> <td>Point of contact</td> </tr> </table>	Organisation	Individual	Electronic mail address	Website Role	European Environment Agency		sdi@eea.europa.eu	Point of contact
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Type of resource

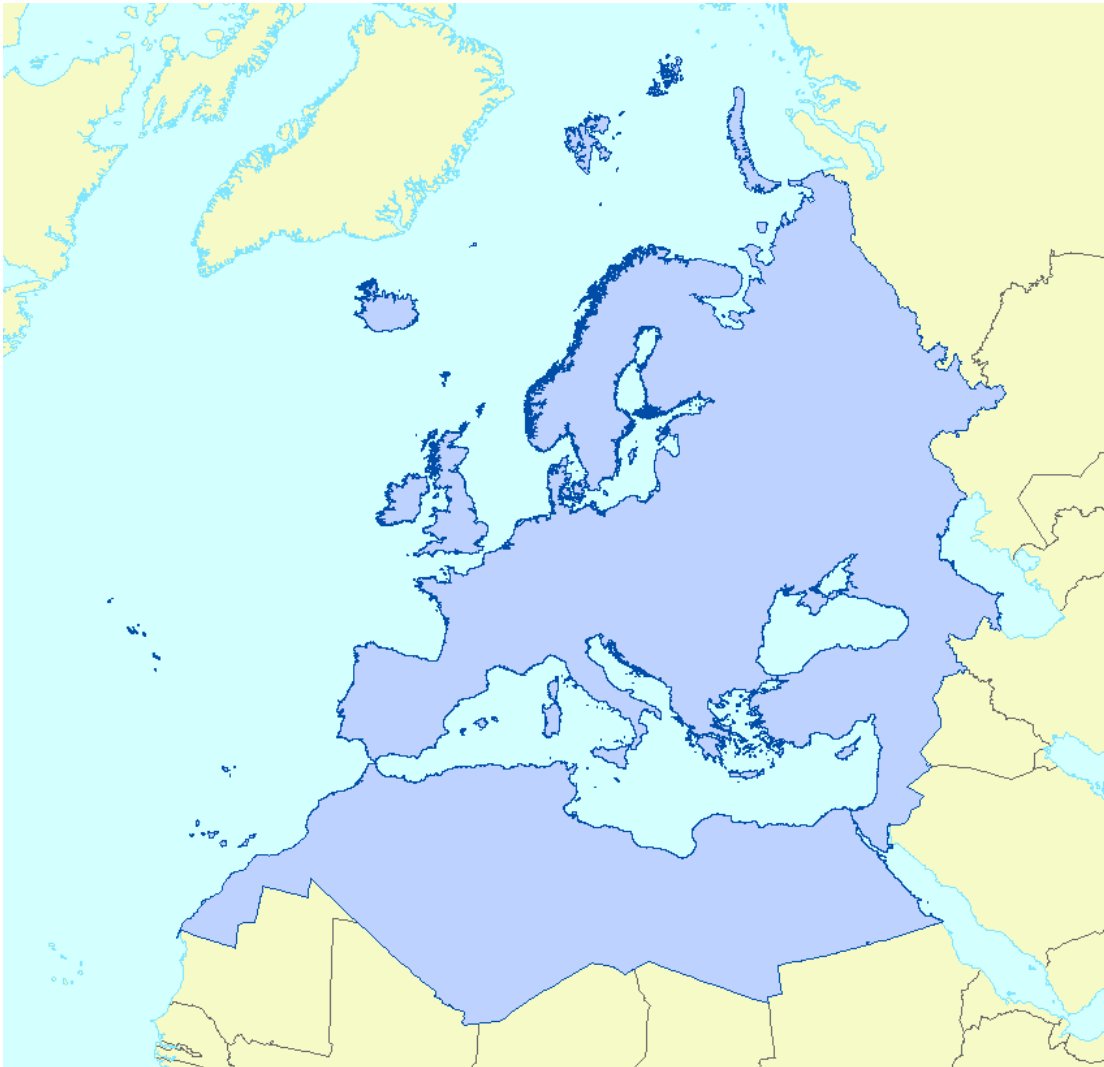
Resource type	Dataset
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Metadata linkage	https://sdi.eea.europa.eu/catalogue/srv/api/records/9faa6ea1-372a-4826-a3c7-fb5b05e31c52
Date info (Creation)	2018-04-05T08:12:57Z
Date info (Revision)	2026-01-22T10:57:15.491469Z

Metadata standard

Title	ISO 19115/19139
Edition	1.0

Overviews



Provided by

