



## EEA coastline for analysis (raw) - version 1.0, Jun. 2013

The criteria for defining the coastline is the line separating water from land. The EEA coastline is a product derived from two sources: EUHYDRO [link not available - yet] and GSHHG [<http://www.soest.hawaii.edu/pwessel/gshhg/>] A priority defined in the input data, first EUHYDRO geometry and, as auxiliary data, GSHHG dataset. The EUHYDRO do not cover the requirement for EEA coastline. The EUHYDRO gaps are in Iceland, Canarias, Madeira, Azores, small islands (not represented in EUDEM) and the northern of Black Sea. The creation process was focused on generating the coastline as line dataset and, later, as a secondary product, defining the polygon layer sea-land. The fundamental step into the workflow was the selection of sea features using a water mask polygon (value in EUHYDRO datasets = 255). The inland water bodies (freshwaters) are rejected by this criteria, except the water bodies connected, at least by one point, to the sea (it is the cases of some transitional water bodies). A few manual amendments to the dataset were necessary to meet requirements from EU Nature Directives, Water Framework Directive and Marine Strategy Framework Directive. This dataset consists of a series of contiguous coastal segments. The source of each of them (EUDEM, GSHHG...) is available as attribute.

### Simple

#### Identification info

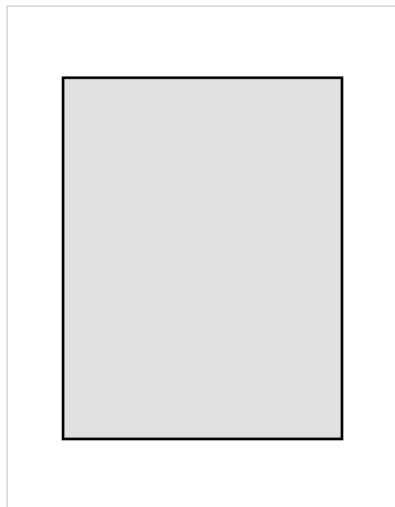
<b>Date (Creation)</b>	2013-06-28				
<b>Edition</b>	1.0				
<b>Citation identifier</b>	eea_v_3035_100_k_coastline-raw_1995-2012_p_v01_r00				
<b>Status</b>	Superseded				
<b>Point of contact</b>	<b>Organisation</b>	<b>Individual</b>	<b>Electronic mail address</b>	<b>Website</b>	<b>Role</b>
	European Environment Agency		sdi@eea. europa.eu	<a href="http://www.eea.europa.eu">http://www.eea.europa.eu</a>	Point of contact
	European Environment Agency		sdi@eea. europa.eu		Custodian
			mette. lund@eea. europa.eu		
			oscar. gomez@eea. europa.eu		
<b>Spatial representation type</b>	Vector				

#### Spatial resolution

#### Equivalent scale

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

#### Extent



**Extent**

**Temporal extent**

<b>Time period</b>	1995-08-01 2012-12-31
<b>GEMET - INSPIRE themes, version 1.0</b>	<ul style="list-style-type: none"> <li>• Sea regions</li> </ul>
<b>GEMET</b>	<ul style="list-style-type: none"> <li>• coast</li> </ul>
<b>Place</b>	<ul style="list-style-type: none"> <li>• Europe</li> </ul>

**Resource constraints**

<b>Use constraints</b>	Other restrictions
<b>Other constraints</b>	License CC-BY 4.0 ( <a href="https://creativecommons.org/licenses/by/4.0/">https://creativecommons.org/licenses/by/4.0/</a> ).

**Resource constraints**

<b>Access constraints</b>	Other restrictions
<b>Other constraints</b>	<a href="#">no limitations to public access</a>
<b>Language</b>	English
<b>Character encoding</b>	UTF8

**Distribution Information**

<b>Distribution format</b>	<ul style="list-style-type: none"> <li>• SHP</li> </ul>
<b>OnLine resource</b>	<a href="https://sdi.eea.europa.eu/webdav/datastore/public/eea_v_3035_100_k_coastline-raw_1995-2012_p_v01_r00/">https://sdi.eea.europa.eu/webdav/datastore/public/eea_v_3035_100_k_coastline-raw_1995-2012_p_v01_r00/</a>
<b>OnLine resource</b>	<a href="#">Direct download</a>

## 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>The criteria for defining the coastline is the line separating water from land. The EEA coastline is a product derived from two sources: EUHYDRO [link not available - yet] and GSHHG [ <a href="http://www.soest.hawaii.edu/pwessel/gshhg/">http://www.soest.hawaii.edu/pwessel/gshhg/</a>] <a href="#">A priority defined in the input data, first EUHYDRO geometry and, as auxiliary data, GSHHG dataset. The EUHYDRO do not cover the required extension of EEA coastline. The EUHYDRO gaps are in Iceland, Canarias, Madeira, Azores, small islands</a> (not represented in EUDEM) and the northern of Black Sea. For that reason the the GSHHG dataset is an input for the process which allow to populate the EUHYDRO shapefile.</p> <p>The creation process was focused on generate the coastline as line datasets and, later, as secondary product, defining the polygon layer sea-land. Thank reiterative processes based on conversion (from water mask of EUHYDRO to polygon), selection, dissolving and conversion (to line) tools, it was possible to obtain a continuous and homogeneous coastline. The fundamental step into the workflow was the selection of sea features using the water mask polygon (with 255 value into EUHYDRO datasets). The inland water bodies (freshwaters) are rejected by this criteria, except the water bodies connected, at least by one point, to the sea (it is the cases of some transitional water bodies).</p> <p>The patchwork coastline has been subjected to quality assessment based on evaluate the degree of coverage and topological errors.</p>
Hierarchy level	Dataset

## Reference System Information

### Reference System Information

Code	<a href="#">EPSG:3035</a>
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## Metadata

Metadata identifier	47142840-45c7-4e23-a497-c6fc4fd84a48								
Language	English								
Character encoding	UTF8								
Contact	<table><thead><tr><th>Organisation</th><th>Individual</th><th>Electronic mail address</th><th>Website Role</th></tr></thead><tbody><tr><td>European Environment Agency</td><td></td><td>sdi@eea.europa.eu</td><td>Point of contact</td></tr></tbody></table>	Organisation	Individual	Electronic mail address	Website Role	European Environment Agency		sdi@eea.europa.eu	Point of contact
Organisation	Individual	Electronic mail address	Website Role						
European Environment Agency		sdi@eea.europa.eu	Point of contact						

## Type of resource

Resource type	Dataset
Metadata linkage	<a href="https://sdi.eea.europa.eu/catalogue/srv/api/records/47142840-45c7-4e23-a497-c6fc4fd84a48">https://sdi.eea.europa.eu/catalogue/srv/api/records/47142840-45c7-4e23-a497-c6fc4fd84a48</a>
Date info (Creation)	2013-07-02T14:12:09Z

## Metadata standard

Title	ISO 19115/19139
Edition	1.0

## Overviews



Provided by

