

## 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

<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	Superseded			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 name</b>	<b>Individual name</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>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>Keywords</b>				
<b>Keywords</b>				
<b>Place</b>	<ul style="list-style-type: none"> <li>Europe</li> </ul>			
<b>Use limitation</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> ).			
<b>Access constraints</b>	Other restrictions			
<b>Other constraints</b>	<a href="#">no limitations to public access</a>			
<b>Spatial representation type</b>	Vector			
<b>Denominator</b>	100000			
<b>Language of dataset</b>	English			

<b>Character set</b>	UTF8
<b>Topic category</b>	<ul style="list-style-type: none"><li>• Oceans</li><li>• Elevation</li></ul>

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<b>Begin date</b>	1995-08-01		
<b>End date</b>	2012-12-31		
<b>Coordinate reference system identifier</b>	<a href="#">EPSG:3035</a>		
<b>Distribution format</b>	<ul style="list-style-type: none"> <li>SHP ( )</li> </ul>		
<b>OnLine resource</b>	<b>Protocol</b> EEA:FILEPATH  WWW:URL	<b>Linkage</b> <a href="https://sdi.eea.europa.eu/webdav/datastore/public/eea_v_3035_100_k_coastline-raw_1995-2012_p_v01_r00/Europe_coastline_raw_20130605.shp">https://sdi.eea.europa.eu/webdav/datastore/public/eea_v_3035_100_k_coastline-raw_1995-2012_p_v01_r00/Europe_coastline_raw_20130605.shp</a>  <a href="https://sdi.eea.europa.eu/data/47142840-45c7-4e23-a497-c6fc4fd84a48">https://sdi.eea.europa.eu/data/47142840-45c7-4e23-a497-c6fc4fd84a48</a>	<b>Name</b>   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 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 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 (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>
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## Metadata

<b>File identifier</b>	47142840-45c7-4e23-a497-c6fc4fd84a48 <a href="#">XML</a>		
<b>Metadata language</b>	English		
<b>Character set</b>	UTF8		
<b>Hierarchy level</b>	Dataset		
<b>Date stamp</b>	2021-04-21T10:02:15.721Z		
<b>Metadata standard name</b>	ISO 19115/19139		
<b>Metadata standard version</b>	1.0		
<b>Metadata author</b>	<b>Organisation name</b>	<b>Individual name</b>	<b>Electronic mail address</b> <b>Website Role</b>

## Overviews



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