

EEA coastline for analysis (line) - 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 one single line for the whole coastline.

Simple

Date (Creation)	2013-06-28				
Edition	1.0				
Citation identifier	eea_v_3035_100_k_coastline-line_1995-2012_p_v01_r00				
Status	Superseded				
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		
			oscar.gomez@eea.europa.eu		
EEA topics	<ul style="list-style-type: none"> Biodiversity 				
GEMET - INSPIRE themes, version 1.0	<ul style="list-style-type: none"> Sea regions 				
GEMET	<ul style="list-style-type: none"> coast 				
Keywords					
Keywords					
Place	<ul style="list-style-type: none"> Europe 				
Use limitation	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).				
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

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Begin date	1995-08-01		
End date	2012-12-31		
Coordinate reference system identifier	EPSG:3035		
Distribution format	<ul style="list-style-type: none"> SHP () 		
OnLine resource	Protocol EEA:FILEPATH WWW:URL	Linkage https://sdi.eea.europa.eu/webdav/datastore/public/eea_v_3035_100_k_coastline-line_1995-2012_p_v01_r00/Europe_coastline_20130605.shp https://sdi.eea.europa.eu/data/6060e5ce-6958-48a0-9815-8f806c807351	Name Direct download
Hierarchy level	Dataset		

Conformance result

Date (Publication)	2010-12-08
Explanation	See the referenced specification
Statement	Dissolve: in order to create a coastline of one single line, first a field is added to the parent dataset (coastline raw), and the same value is set for all the features; the feature class is then dissolved using that field
Source	<ul style="list-style-type: none">

Metadata

File identifier	6060e5ce-6958-48a0-9815-8f806c807351 XML		
Metadata language	English		
Character set	UTF8		
Hierarchy level	Dataset		
Date stamp	2021-04-21T09:53:36.276Z		
Metadata standard name	ISO 19115/19139		
Metadata standard version	1.0		
Metadata author	Organisation name European Environment Agency	Individual name	Electronic mail address sdi@eea.europa.eu Website Role Point of contact

Overviews



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