EEA geospatial data catalogue

Copernicus EEA38 Boundary Layer with 250 m buffer (raster 5m), version 2, Nov. 2023

For the provision of land monitoring services within the Copernicus programme, a consistent, stable, sufficiently detailed boundary layer is required at EEA, which provides a “land mask” for the area that needs to be monitored.

This metadata refers to the Copernicus boundary layer covering EEA38 member countries in raster format (TIFF) at 5m resolution, including the French DOM (French Guiana GF, Guadeloupe GP, Martinique MQ, Mayotte YT and Reunion RE).

The territory of the United Kingdom has been removed, due to its exit from the EEA.

The production of this Border Product was coordinated by the European Environment Agency in the frame of the EU Copernicus programme. The use of this data has to be agreed with EEA.

Simple

Identification info

Date (Creation)	2023-11-02
Date (Publication)	2023-12-01
Edition	02.00
Citation identifier	eea_r_3035_5_m_copernicus-250m-buffer_p_2012-2018_v02_r00

Point of contact

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

Spatial representation type	Grid

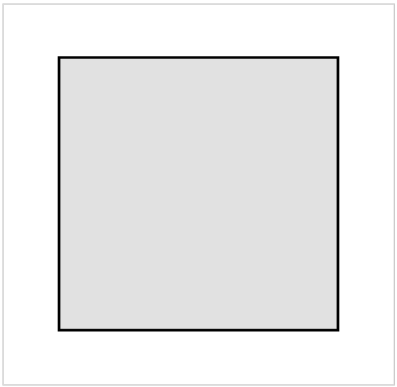
Spatial resolution

Spatial resolution	5 m

Topic category	• Boundaries

Extent

71.16	N	27.64	S	44.81	E	-31.28	W

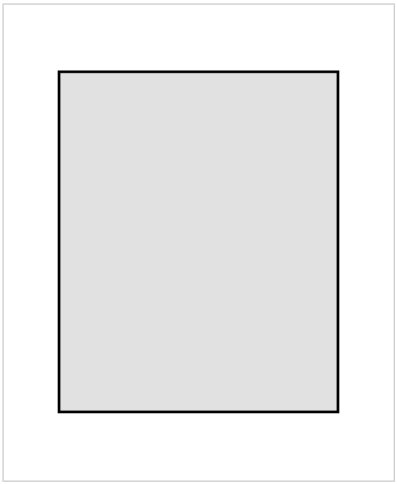


Temporal extent

Time period	2012-01-01 2018-01-20

Extent

5.77	N	2.11	S	-51.61	E	-54.62	W

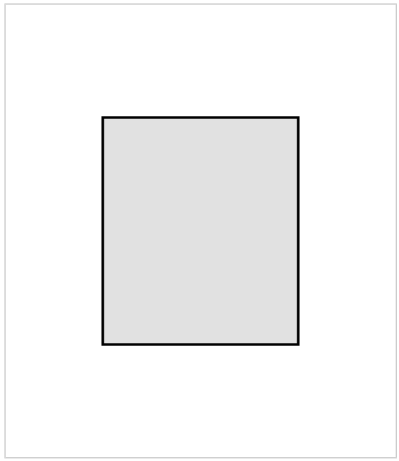


Extent

16.52	N	15.82	S	-60.99	E	-61.82	W

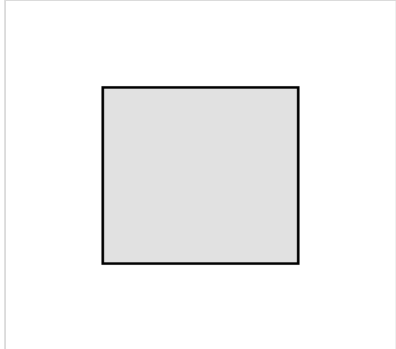
Extent

14.88	N	14.38	S	-60.79	E	-61.24	W



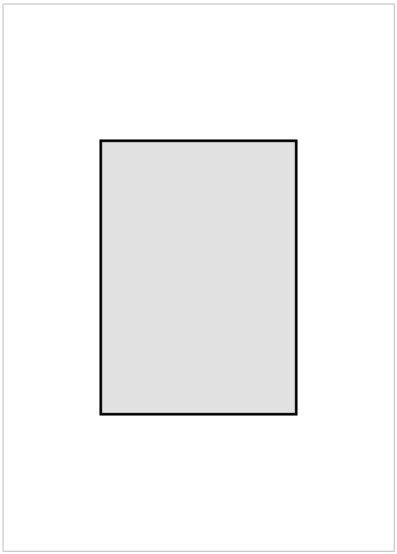
Extent

-20.87	N	-21.39	S	55.84	E	55.21	W



Extent

-12.58	N	-13.08	S	45.31	E	44.94	W



Maintenance and update frequency	As needed
GEMET - INSPIRE themes, version 1.0	• Administrative units
GEMET	• coast • administrative boundary
Continents, countries, sea regions of the world.	• EEA38 (from 2020)
Spatial scope	• European

Resource constraints

Access constraints	Other restrictions
Other constraints	no limitations to public access

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).
Language	English

Distribution Information

Distribution format	• GeoTIFF
OnLine resource	https://sdi.eea.europa.eu/webdav/datastore/public/eea_r_3035_5_m_copernicus-250m-buffer_p_2012-2018_v02_r00/GTIFF/
OnLine resource	Direct download
OnLine resource	License conditions

OnLine resource	Product documentation (EEA38)
OnLine resource	Technical report (previous EEA39 version)

Data quality info

Hierarchy level	Dataset

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	The dataset is based on a rasterisation of the Boundary Layer vector product, a generalisation of the Border Expert product to a scale of about 1:1 000 000 (a buffer of 250m is applied). This Border Expert product is based on EU-Hydro Coastline Version 3 from EEA, the EEA coastline for analysis Version 2, the EBM GISCO Hybrid Layer from EEA, the EuroGeographics EuroBoundary Map Version 12, the “Water and Wetness High Resolution Layer 2015” from EEA and the JRC-Global Surface Water Occurrence layer. The territory of the United Kingdom has been removed, due to its exit from the EEA. This dataset was created by resampling the 10m EEA38 raster boundary file to 5m spatial resolution. The resampling process does not change the area for any of the classes, nor does it change the shape of the outlines of the raster. The appearance is the same, compared to the 10m product, but one 10m pixel is split into four 5m pixels. This version supersedes version 1 that contained erroneous pixels covering in all 0.2969 km² spread over 4 different locations. The details of the production process is explained under 'links' in the "Product information (EEA38)".
Hierarchy level	Dataset
Source	• Copernicus EEA38 Boundary Layer with 250 m buffer (vector), version 1, Nov. 2022 • Copernicus EEA38 Boundary Layer with 250 m buffer (raster 10m), version 1, Nov. 2022

Reference System Information

Reference System Information

Code	EPSG:3035

Reference System Information

Reference System Information

Code	EPSG:32620

Reference System Information

Reference System Information

Code	EPSG:32622

Reference System Information

Reference System Information

Code	EPSG:32738

Reference System Information

Reference System Information

Code	EPSG:32740

Metadata

Metadata identifier	6af7489b-6949-4094-b8e6-4a2e2c515f0a
Language	English
Character encoding	UTF8
Contact	**Organisation**: European Environment Agency **Individual**: **Electronic mail address**: sdi@eea.europa.eu **Website**: **Role**: Point of contact

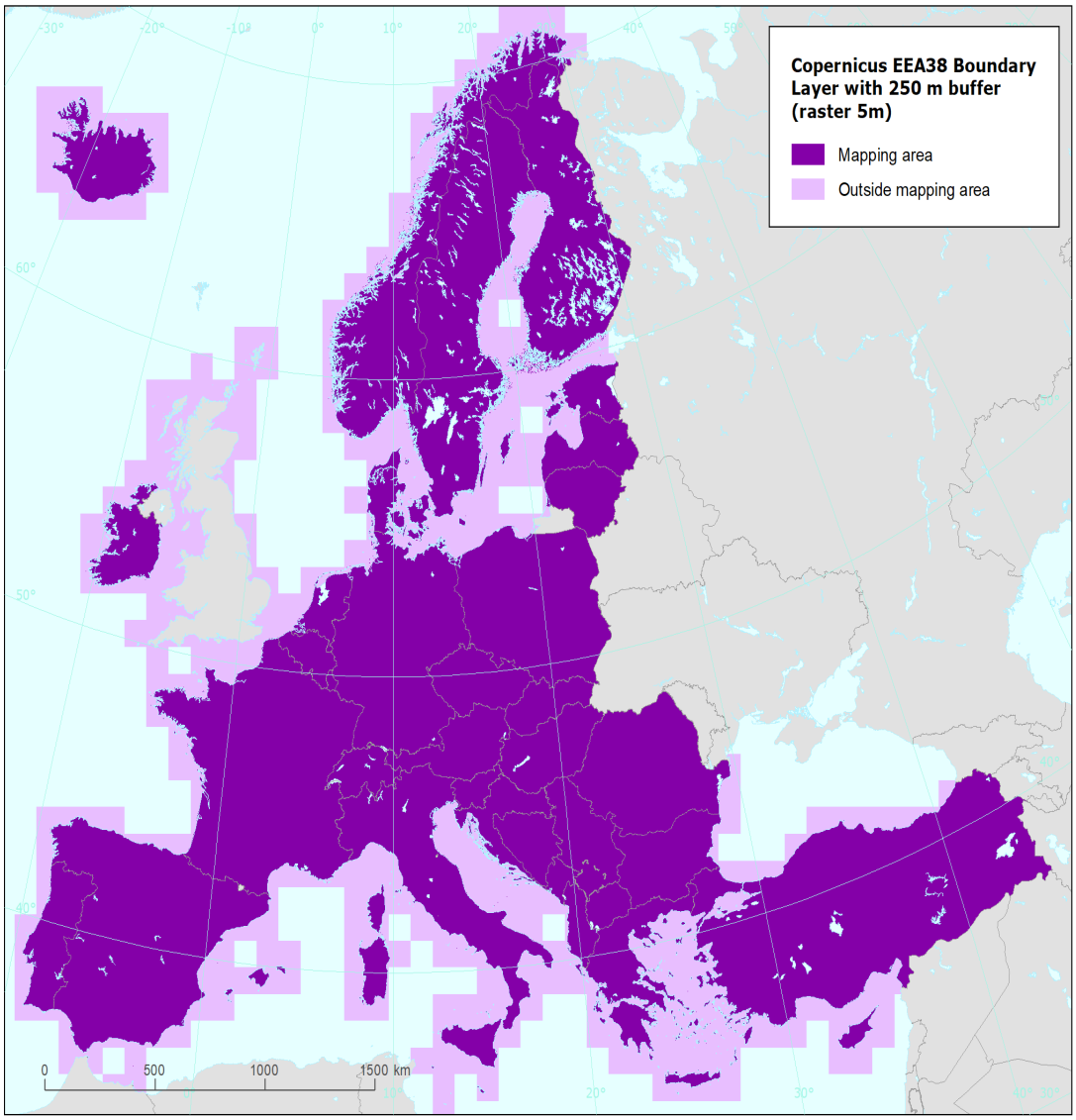
Type of resource

Resource type	Dataset
Metadata linkage	https://sdi.eea.europa.eu/catalogue/srv/api/records/6af7489b-6949-4094-b8e6-4a2e2c515f0a
Date info (Creation)	2023-12-01T15:10:53.399Z
Date info (Revision)	2025-10-09T10:55:52.877857Z

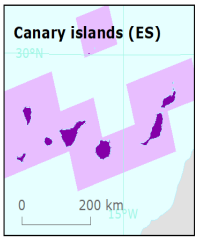
Metadata standard

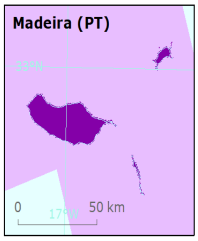
Title	ISO 19115/19139
Edition	1.0

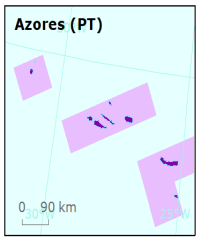
Overviews

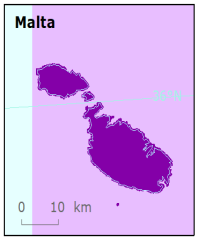


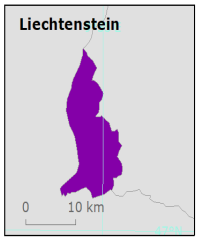
Reference data: © EuroGeographics, © FAO (UN), © TurkStat Source: European Commission – Eurostat/GISCO

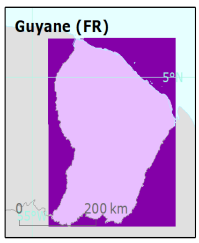


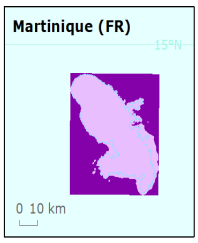


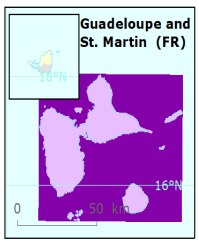


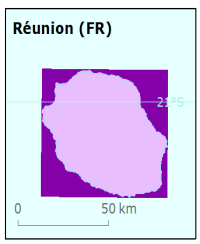


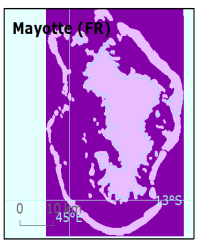












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