

Elevation Breakdown based on EU-DEM (resolution 1km), Dec. 2016

Generalisation at 1 km resolution of elevation breakdown 100 m (based on EU-DEM).

This layer defines homogeneous areas as function of height, slope and distance to the sea. The Elevation Breakdown is used to allocate Land Cover Changes into homogeneous areas as function of height, slope and distance to the sea. It defines five relief typologies: 1) Low coasts, 2) High Coasts, 3) Inlands, 4) Uplands and 4) Mountains. The previous enumeration corresponds to values in the grid. This layer is an updated version using similar methodology to the one created on 2006 (same classes and thresholds) but it has been generated using up-to-date high resolution datasets (EU-DEM) in order to create a more accurate layer.

Simple

Date (Publication)	2016-12-20		
Date (Creation)	2016-12-20		
Citation identifier	eea_r_3035_1_km_ebk-eudem_p_2012_v01_r00		
Point of contact	Organisation name	Individual name	Electronic mail address Role
	European Environment Agency		info@eea.europa.eu Point of contact

Point of contact

No information provided.

Maintenance and update frequency	Not planned
GEMET - INSPIRE themes, version 1.0	<ul style="list-style-type: none"> Elevation
Keywords	
Keywords	
GEMET	<ul style="list-style-type: none"> land cover
Continents, countries, sea regions of the world.	<ul style="list-style-type: none"> EEA32 (2006-2013) European
Spatial scope	
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). Copyright holder: European Environment Agency (EEA).
Access constraints	Other restrictions
Other constraints	no limitations to public access
Spatial representation type	Grid
Distance	1 km

Language of dataset	English
Character set	UTF8
Topic category	<ul style="list-style-type: none">• Elevation



Begin date	2012-01-01
End date	2012-12-31
CRS identifier	EPSG:3035
Distribution format	<ul style="list-style-type: none"> • GeoTIFF (6.0)

OnLine resource

No information provided.

Hierarchy level	Dataset
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Conformance result

Date (Publication)	2010-12-08
Explanation	See the referenced specification

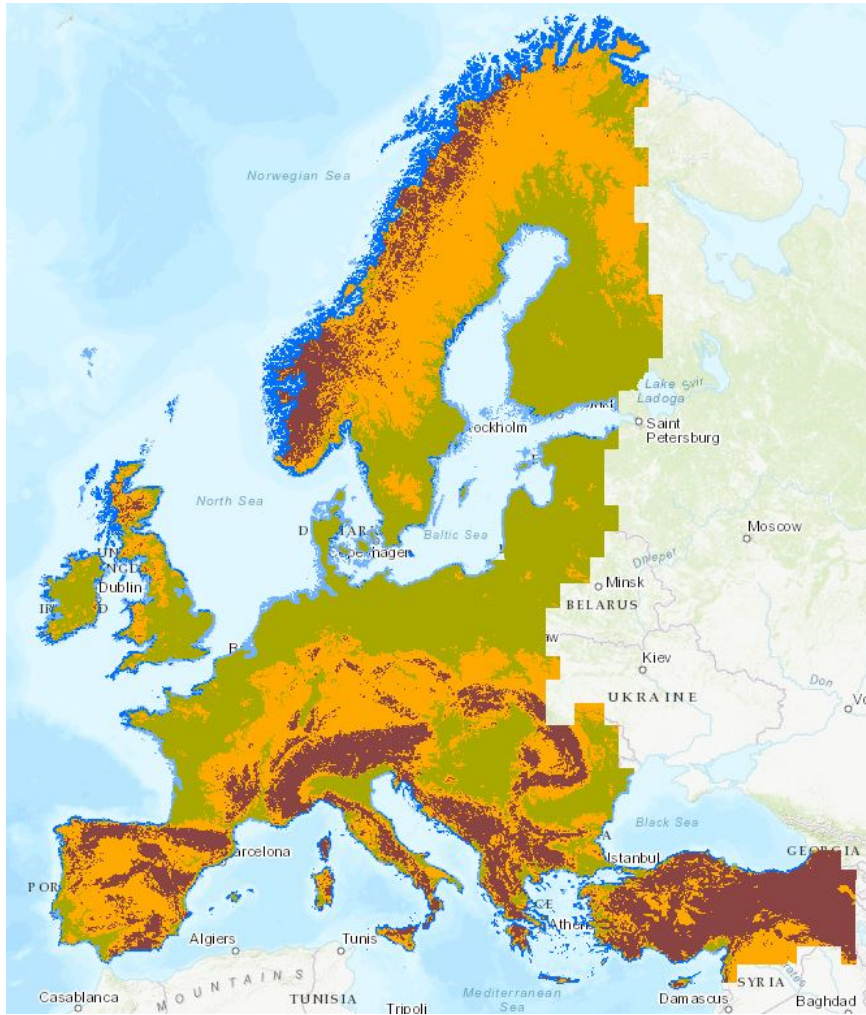
Statement	<p>Generalisation at 1 km resolution of elevation breakdown 100 m (based on EU-DEM), which was created as an update using the Digital Elevation Model over Europe from the GSGRDA project (EU-DEM, resolution 25 m). Areas next to the sea (<10 km from the coastline) were considered Coasts and splitted in two categories: Low coasts (< 50 m) and High coasts (> 50 m). Inlands were the areas between 0 and 200 m outside the coastal strip. Uplands were the zones between 200 - 500 m plus the flat areas between 500 and 1000. The slopy areas between 500 and 1000 m and all the areas over 1000 m were classified as Mountains.</p> <p>Input layers include:</p> <ul style="list-style-type: none"> - EUDEM resampled to 100m (derived from EU-DEM 25m) - Coastline and reference mask, provided by GISAT. <p>Detailed methodology is available on http://forum.eionet.europa.eu/etc-sia-consortium/library/2012_subvention/261_2_ludc/133_elevation_data/elevation-breakdown-final-report-1 (section 2).</p>
Source	<ul style="list-style-type: none"> • Elevation Breakdown based on EU-DEM (resolution 100m), Dec. 2016

Metadata

File identifier	2a927809-44a9-46f0-ad90-a815e4d1b2f3 XML
Metadata language	English
Character set	UTF8
Hierarchy level	Dataset
Date stamp	2020-07-10T17:18:56
Metadata standard name	ISO 19115/19139

Metadata standard version	1.0			
Metadata author	Organisation name	Individual name	Electronic mail address	Role
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Overviews



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