

Elevation Breakdown based on EU-DEM (resolution 100m), Dec. 2016

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_100_m_ebk-eudem_p_2012_v02_r00			
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

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	100 100 m
Language of dataset	English
Character set	UTF8
Topic category	<ul style="list-style-type: none"> Elevation

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Begin date	2012-01-01		
End date	2012-12-31		
Coordinate reference system identifier	EPSG:3035		
Distribution format	<ul style="list-style-type: none"> GeoTIFF (6.0) 		
OnLine resource	Protocol	Linkage	Name
	EEA:FILEPATH	https://sdi.eea.europa.eu/webdav/datastore/public/eea_r_3035_100_m_ebk-eudem_p_2012_v02_r00/eea_r_3035_100_m_ebk-eudem_2012.tif	
	ESRI:REST	https://land.discomap.eea.europa.eu/arcgis/rest/services/Elevation/Elevation_Breakdown_2012_100m/MapServer	Elevation Breakdown 2012 100m - Based on EU-DEM (0)
	WWW:URL	https://sdi.eea.europa.eu/data/0c1a7253-a6d5-43d2-8eb7-49836b11ce53	Direct download
	OGC:WMS	https://land.discomap.eea.europa.eu/arcgis/services/Elevation/Elevation_Breakdown_2012_100m/MapServer/WMSServer?request=GetCapabilities&service=WMS	0
	WWW:LINK-1.0-http--link	https://sdi.eea.europa.eu/catalogue/srv/api/records/0c1a7253-a6d5-43d2-8eb7-49836b11ce53/attachments/Task%20261.2.1.3.3%20Taking%20into%20account%20elevation%20data%20-%20Final%20Report%20-%20Elevation%20Breakdown.pdf	Elevation Breakdown calculation
Hierarchy level	Dataset		

Conformance result

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

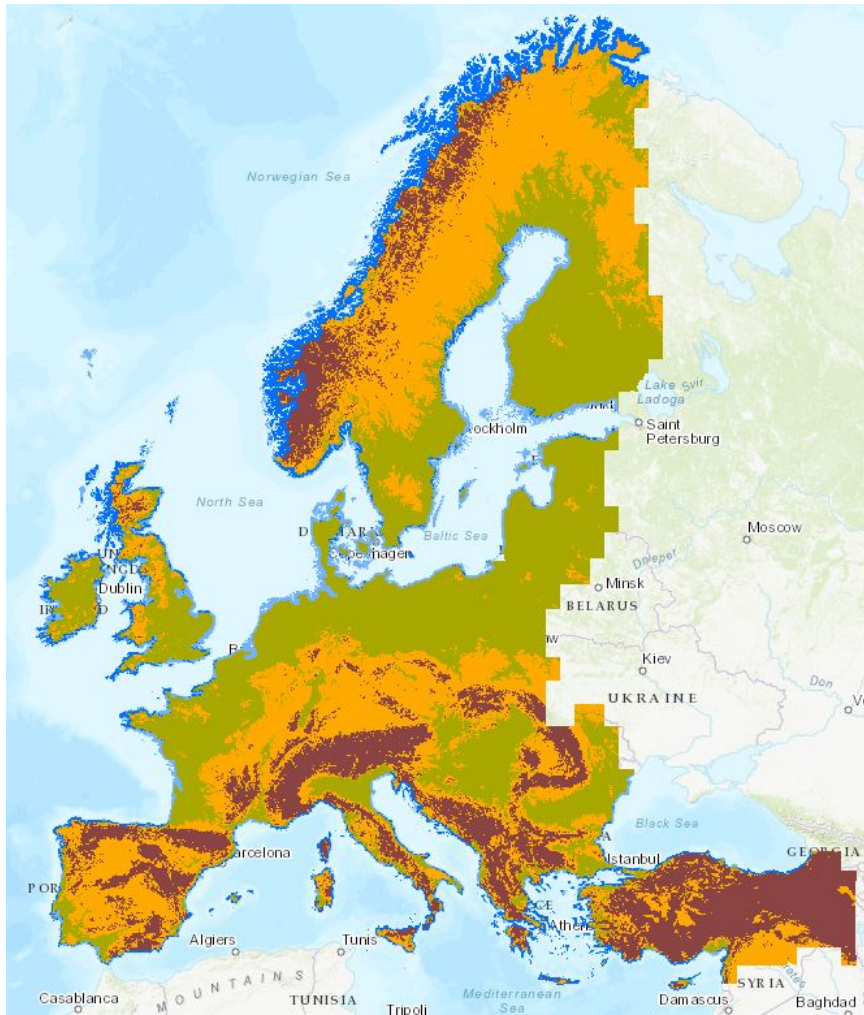
Statement	<p>This version of the Elevation Breakdown was created as an update using the Digital Elevation Model over Europe from the GSGRDA project (EU-DEM, resolution 25 m). Areas next to the sea (<10 km from the coastline) were considered Coasts and splited in two categories: Low coasts (< 50 m) and 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_Judc/133_elevation_data/elevation-breakdown-final-report-1 (section 2).</p>
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Metadata

File identifier	0c1a7253-a6d5-43d2-8eb7-49836b11ce53 XML
Metadata language	English
Character set	UTF8

Hierarchy level	Dataset										
Date stamp	2024-03-05T13:02:13.922Z										
Metadata standard name	ISO 19115/19139										
Metadata standard version	1.0										
Metadata author	<table border="1"> <thead> <tr> <th>Organisation name</th> <th>Individual name</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 name	Individual name	Electronic mail address	Website Role	European Environment Agency		sdi@eea.europa.eu	Point of contact		
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Overviews



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