

## 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

<b>Date (Publication)</b>	2016-12-20			
<b>Date (Creation)</b>	2016-12-20			
<b>Citation identifier</b>	eea_r_3035_1_km_ebk-eudem_p_2012_v01_r00			
<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

### Point of contact

No information provided.

<b>Maintenance and update frequency</b>	Not planned
<b>GEMET - INSPIRE themes, version 1.0</b>	<ul style="list-style-type: none"> <li>Elevation</li> </ul>
<b>Keywords</b>	
<b>Keywords</b>	
<b>GEMET</b>	<ul style="list-style-type: none"> <li>land cover</li> </ul>
<b>Continents, countries, sea regions of the world.</b>	<ul style="list-style-type: none"> <li>EEA32 (2006-2013)</li> <li><a href="#">European</a></li> </ul>
<b><a href="#">Spatial scope</a></b>	
<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> ). Copyright holder: European Environment Agency (EEA).
<b>Access constraints</b>	Other restrictions
<b>Other constraints</b>	<a href="#">no limitations to public access</a>
<b>Spatial representation type</b>	Grid
<b>Distance</b>	1 1 km
<b>Language of dataset</b>	English
<b>Character set</b>	UTF8
<b>Topic category</b>	<ul style="list-style-type: none"> <li>Elevation</li> </ul>



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<b>Begin date</b>	2012-01-01		
<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>GeoTIFF ( 6.0 )</li> </ul>		
<b>OnLine resource</b>	<b>Protocol</b>	<b>Linkage</b>	<b>Name</b>
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	ESRI:REST	<a href="https://land.discomap.eea.europa.eu/arcgis/rest/services/Elevation/Elevation_Breakdown_2012_1km/MapServer">https://land.discomap.eea.europa.eu/arcgis/rest/services/Elevation/Elevation_Breakdown_2012_1km/MapServer</a>	
	OGC:WMS	<a href="https://land.discomap.eea.europa.eu/arcgis/services/Elevation/Elevation_Breakdown_2012_1km/MapServer/WMServer?request=GetCapabilities&amp;service=WMS">https://land.discomap.eea.europa.eu/arcgis/services/Elevation/Elevation_Breakdown_2012_1km/MapServer/WMServer?request=GetCapabilities&amp;service=WMS</a>	0
	WWW:URL	<a href="https://sdi.eea.europa.eu/data/2a927809-44a9-46f0-ad90-a815e4d1b2f3">https://sdi.eea.europa.eu/data/2a927809-44a9-46f0-ad90-a815e4d1b2f3</a>	Direct download
	WWW:LINK-1.0-http--link	<a href="https://sdi.eea.europa.eu/catalogue/srv/api/records/2a927809-44a9-46f0-ad90-a815e4d1b2f3/attachments/Task%20261.2.1.3.3%20Taking%20into%20account%20elevation%20data%20-%20Final%20Report%20-%20Elevation%20Breakdown.pdf">https://sdi.eea.europa.eu/catalogue/srv/api/records/2a927809-44a9-46f0-ad90-a815e4d1b2f3/attachments/Task%20261.2.1.3.3%20Taking%20into%20account%20elevation%20data%20-%20Final%20Report%20-%20Elevation%20Breakdown.pdf</a>	Elevation Breakdown calculation
<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>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 (&lt;10 km from the coastline) were considered Coasts and splitted in two categories: Low coasts (&lt; 50 m) and High coasts (&gt; 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"> <li>- EUDEM resampled to 100m (derived from EU-DEM 25m)</li> <li>- Coastline and reference mask, provided by GISAT.</li> </ul> <p>Detailed methodology is available on <a href="http://forum.eionet.europa.eu/etc-sia-consortium/library/2012_subvention/261_2_lude/133_elevation_data/elevation-breakdown-final-report-1">http://forum.eionet.europa.eu/etc-sia-consortium/library/2012_subvention/261_2_lude/133_elevation_data/elevation-breakdown-final-report-1</a> (section 2).</p>
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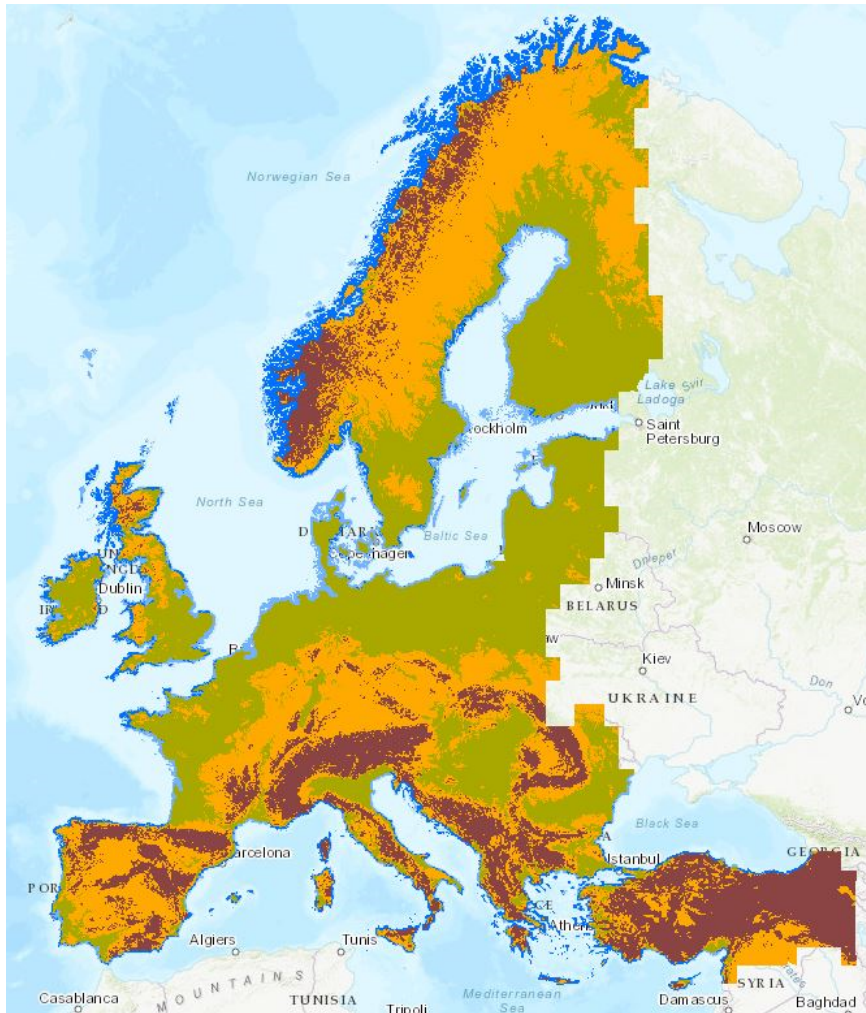
<b>Source</b>	<ul style="list-style-type: none"> <li></li> </ul>
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## Metadata

<b>File identifier</b>	2a927809-44a9-46f0-ad90-a815e4d1b2f3 <a href="#">XML</a>
<b>Metadata language</b>	English
<b>Character set</b>	UTF8
<b>Hierarchy level</b>	Dataset
<b>Date stamp</b>	2025-01-09T13:20:16.546524Z

<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>
	European Environment Agency		sdi@eea.europa.eu
			<b>Website Role</b>
			Point of contact

## Overviews



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