

Tree Cover Change Mask 2012-2015 (raster 20 m), Europe, 3-yearly, Dec. 2020

The Copernicus High Resolution Forest Layer Tree Cover Change Mask (TCCM) 2012-2015 raster product provides information on the change between the reference years 2012 and 2015 and consists of 4 thematic classes (unchanged areas with no tree cover / new tree cover / loss of tree cover / unchanged areas with tree cover) at 20m spatial resolution and covers EEA38 area and the United Kingdom. The production of the High Resolution Forest layers was coordinated by the European Environment Agency (EEA) in the frame of the EU Copernicus programme.

The High Resolution Forest product consists of three types of (status) products and additional change products. The status products are available for the 2012, 2015 and 2018 reference years: 1. Tree cover density providing level of tree cover density in a range from 0-100%; 2. Dominant leaf type providing information on the dominant leaf type: broadleaved or coniferous; 3. A Forest type product. The forest type product allows to get as close as possible to the FAO forest definition. In its original (20m) resolution it consists of two products: 1) a dominant leaf type product that has a MMU of 0.5 ha, as well as a 10% tree cover density threshold applied, and 2) a support layer that maps, based on the dominant leaf type product, trees under agricultural use and in urban context (derived from CLC and high resolution imperviousness 2009 data). For the final 100m product trees under agricultural use and urban context from the support layer are removed.

Simple

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Point of contact	Organisation name	Individual name	Electronic mail address	Website	Role
	European Commission			https://commission.europa.eu	Owner
	Copernicus Land Monitoring Service		copernicus@eea. europa.eu	https://land. copernicus.eu	Custodian
	European Environment Agency		sdi@eea.europa. eu	http://www.eea. europa.eu	Publisher
	Copernicus Land Monitoring Service helpdesk		copernicus@eea. europa.eu	https://land. copernicus.eu/en /contact-service- helpdesk	Point of contact
Maintenance and update frequency	Continual				
GEMET - INSPIRE themes, version 1.0	Land cover				
Keywords					
Continents, countries, sea regions of the world.	EEA38 (from 2020) United Kingdom				
Keywords					
GEMET	land use landscape alteration land cover forest management				
Spatial scope	European				

EEA topics	Land use
Access constraints	Other restrictions
Other constraints	no limitations to public access
Use constraints	Other restrictions
Other constraints	The Copernicus component is governed by Regulation (EU) No 2021/696 of the European Parliament and of the Council of 28 April 2021 establishing the Union Space Programme and the European Union Agency for the Space Programme and repealing Regulations (EU) No 912/2010, (EU) No 1285/2013 and (EU) No 377/2014 and Decision No 541/2014/EU. Within the Copernicus component, a portfolio of land monitoring activities has been delegated by the European Union to the European Environment Agency (EEA) and the DG Joint Research Centre of the European Commission.
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Spatial representation type	Grid
Distance	20 m
Language of dataset	English
Character set	UTF8
Topic category	Environment Imagery base maps earth cover
Begin date	2011-01-01
End date	2016-12-31



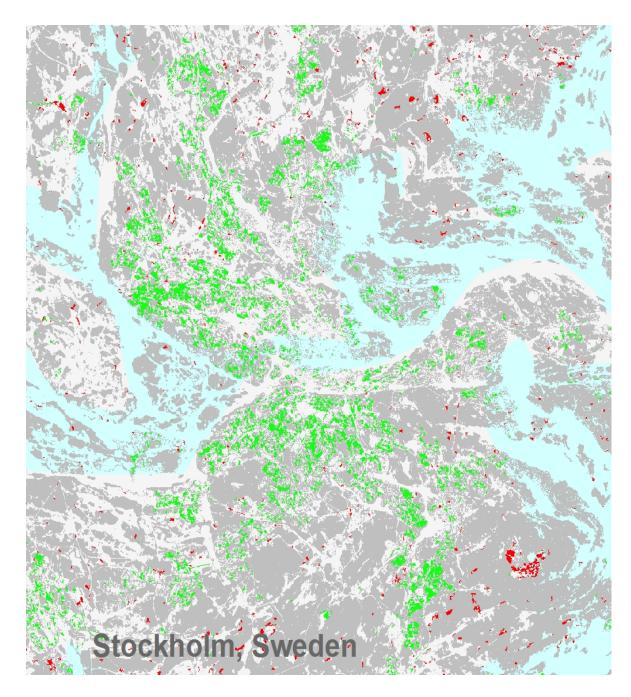


Coordinate reference system identifier	EPSG:3035	EPSG:3035			
Distribution format	• GeoTIFF (1.0)				
OnLine resource	Protocol	Linkage	Name		
	ESRI:REST	https://image.discomap.eea.europa.eu/arcgis/rest/services /GioLandPublic/HRL TreeCoverChangeMask 12 15 /ImageServer			
	OGC:WMS	https://image.discomap.eea.europa.eu/arcgis/services //GioLandPublic/HRL_TreeCoverChangeMask_12_15 //mageServer/WMSServer? request=GetCapabilities&service=WMS			
	WWW:LINK-1.0-httplink	https://land.copernicus.eu/en/products/high-resolution-layer- tree-cover-density/tree-cover-change-mask-2012- 2015#Download	Download (requires authentication		
OnLine resource	Protocol	Linkage	Nam		
	DOI	https://doi.org/10.2909/64b34cd9-05b4-4e18-8e7b- 15394d3fdb5c			
	Buttonia				
Hierarchy level	Dataset				
	Dataset				
Conformance result		of 23 November 2010 implementing Directive 2007/2/EC of the European patial data sets and services	Parliament and		
Conformance result	Commission Regulation (EU) No 1089/2010	·	Parliament and		
Conformance result Title Date (Publication)	Commission Regulation (EU) No 1089/2010 of the Council as regards interoperability of s	·	Parliament and		
Conformance result Title Date (Publication) Explanation Statement	Commission Regulation (EU) No 1089/2010 of the Council as regards interoperability of s 2010-12-08 See the referenced specification The Tree Cover Change Mask (TCCM) 2012 Type Change (DLTC) product 2012-2015 fro the new TCCM specifications of the HRL 201 specified Minimum Mapping Unit (MMU) of 1 National products might show a broken MMU Quality assurance follows the ISO 9001:2015 checks (QA breakpoints) during implementat production, assure fitness-for-purpose of the target thematic accuracy to be achieved by and homogeneity. Quality Assessment: The data quality elements considered are: (i) Con Temporal quality and (vi) Usability.	patial data sets and services -2015 is a change product based on the experimental and unpublished Do in the HRL 2015 production. First, the experimental DLTC product has bee 8 production. Subsequently, the resulting change classes are filtered accorda. The product covers the whole EEA39 area and is provided in Europea	minant Leaf en recoded to ording to the in projection. es of quality ious stages of en given to the atic, temporal) fications. The Accuracy, (v)		

Metadata

File identifier	64b34cd9-05b4-4e18-8e7b-15394d3fdb5c XML				
Metadata language	English				
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Hierarchy level	Dataset				
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Metadata standard version	1.0				
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			europa.eu		ntact

Overviews



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