Richness of forest-related species and habitats indicator 2012 dataset, Nov. 2018

This dataset refers to the Richness index of Species and Habitats of Conservation Concern indicator. This indicator has been developed to be used as a sub-indicator for contributing to the identification of the High Nature Value (HNV) Forest Areas as it will be integrated with other sub-indicators of horizontal structure, management and naturalness to generate the final composite indicator. It is composed itself of three sub-indicators: "Forest Non-bird species", "Forest bird species" and "Forest habitats". All the three sub-indicators build on distribution data from the reporting of habitat and species conservation status under Article 17 of the Habitats Directive and Article 12 of the Birds directive which describe their distribution at 10km grid resolution. The forest species and the forest habitats proposed to be used for the HNV forest area identification were selected based on expert judgement (ETC/BD) and raster files reporting the count of forest species and habitats were created. At this stage, no weight is applied based on Habitat and Species prioritization, conservation status or endemism.

The sub-indicators were then normalized for each European forest type and successively combined not assigning any specific weight to a particular sub-indicator.

The values for this indicator, present in this dataset, ranges between 0 and 1. The values close to 1 mean high presence of habitats and species related to forest, whereas the lower richness are closer to 0. It covers the forested areas of the EU 27 (2007) Member States except for Cyprus (data from Croatia will be reported starting from the next update regarding the period 2013-2018).

Simple

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No information provided.

Maintenance and update frequency	Not planned
GEMET - INSPIRE themes, version 1.0	• Habitats and biotopes • Species distribution
Keywords	
Keywords	
GEMET	• forest policy • primary forest • environmental indicator • conservation • forest conservation • forest • forest ecosystem

	• indigenous forest
Continents, countries, sea regions of the world.	• Poland • Malta • Bulgaria • Slovakia • Slovenia • Romania • Lithuania • Czechia • Estonia • Latvia • Hungary • EU15
[Spatial scope](#)	• [European](#)
EEA Management Plan	• 2019 1.7.8
EEA topics	• Biodiversity • Forests and forestry • Nature protection and restoration
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
Topic category	• Environment

Begin date	2007-01-01
End date	2012-12-31
Coordinate reference system identifier	EPSG:3035
Distribution format	• GeoTIFF ( )

OnLine resource

Protocol	Linkage	Name
EEA:FILEPATH	https://sdi.eea.europa.eu/webdav/datastore/public /eea_r_3035_1_km_forest-richness-hab-sps_p_2007- 2012_v01_r00/eea_r_3035_1_km_forest-richness-hab- sps_2012.tif	
WWW:URL	https://sdi.eea.europa.eu/data/81754d01-8bc3-49aa-a52c- 86b3d212f94e	Direct download
ESRI:REST	https://forest.discomap.eea.europa.eu/arcgis/rest/services /Forest/Richness_forest_habitats_sps/MapServer	
OGC:WMS	https://forest.discomap.eea.europa.eu/arcgis/services/Forest /Richness_forest_habitats_sps/MapServer/WMSServer? request=GetCapabilities&service=WMS	0

Hierarchy level	Dataset

Conformance result

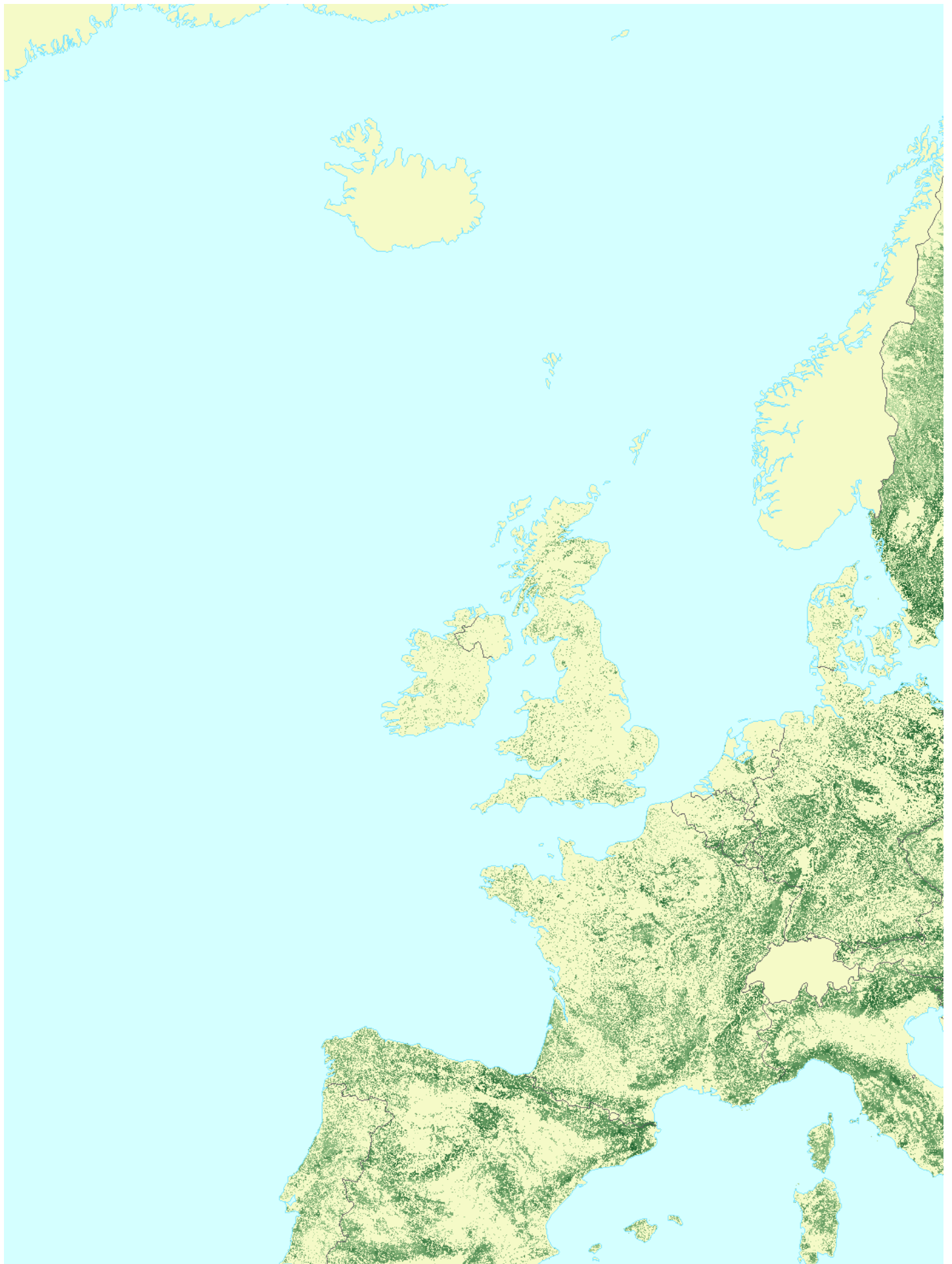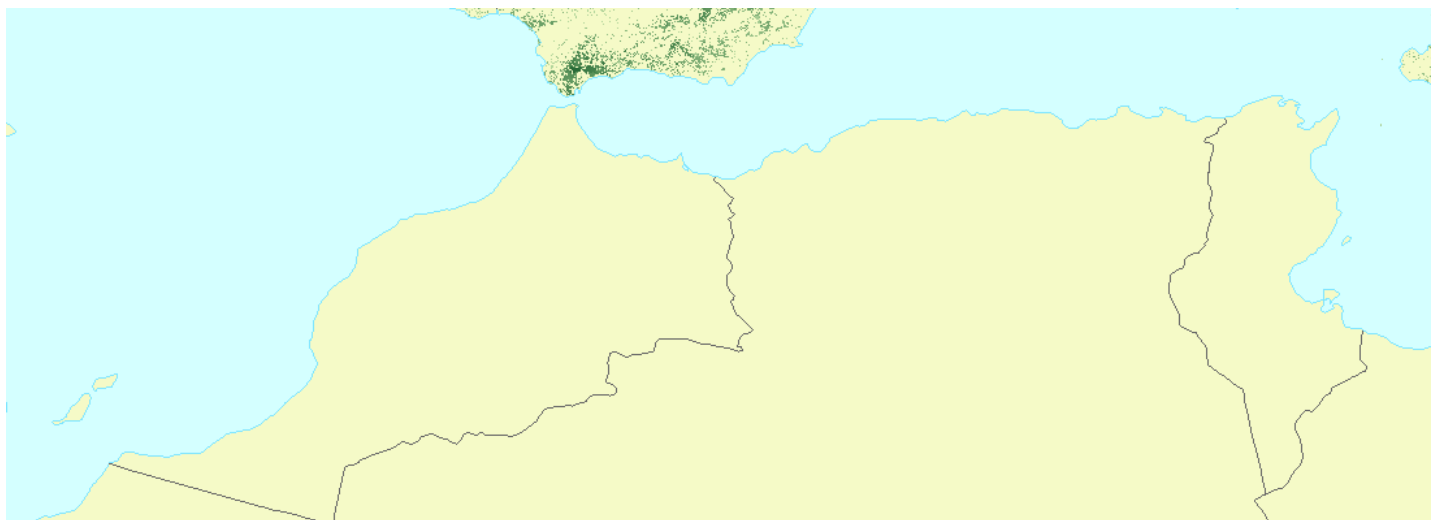|	
Title	Commission Regulation (EU) No 1089/2010 of 23 November 2010 implementing Directive 2007/2/EC of the European Parliament and of the Council as regards interoperability of spatial data sets and services
Date (Publication)	2010-12-08
Explanation	See the referenced specification
Statement	The dataset shows a dimensionless indicator (values between 0 and 1) to assess the biodiversity values of forested areas in Europe. It has been developed starting from 10km resolution data and the final output is at 1km resolution, GeoTIFF format. The values close to 1 mean high presence of habitats and species related to forest, whereas the lower richness are closer to 0. The input data derives from the information about habitat and species conservation status that Member States report under the Art.17 and Art.12 reporting obligations. The information about presence-absence of each species has been used to count the total number of forest bird species, forest non-bird species and forest habitats per 10km pixel and produce three related sub-indicators. A mask Forest-NonForest at 1km resolution has been applied to the input sub-indicators to consider only forested area. Each sub-indicator has then been normalized per forest type: Boreal, Hemiboreal, Alpine Coniferous, Acidophylous oakwood, Mesophytic deciduous, Beech, Mountainous beech, Thermophilous beech, Broadleaved evergreen and Coniferous Mediterranean.

The composite indicator of forest biodiversity was then derived summing per each pixel the values of the single input sub-indicators. The final Forest Biodiversity indicator was then rescaled to values between 0 and 1.

Source	- Conservation status of habitat types 2007-2012, Sep. 2014 - Population trend of bird species: datasets from Article 12, Birds Directive 2009/147/EC reporting (2008-2012) - PUBLIC VERSION - Jan. 2021

Metadata

File identifier	81754d01-8bc3-49aa-a52c-86b3d212f94e XML
Metadata language	English
Character set	UTF8
Hierarchy level	Dataset
Date stamp	2024-01-15T16:10:15.176Z
Metadata standard name	ISO 19115/19139
Metadata standard version	1.0

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Overviews

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