EEA geospatial data catalogue

N2K 2018 (vector), Europe, 6-yearly, Jul. 2021

This metadata refers to CLMS N2K 2018 product, the Copernicus Land Cover/Land Use (LC/LU) status map, with 2018 as reference year for the classification, tailored to the needs of biodiversity monitoring in selected Natura2000 sites: 4790 sites of natural and semi-natural grassland formations listed in Annex I of the Habitats Directive, including a 2 km buffer zone surrounding the sites and covering an area of 631.820 km² across Europe (EU27, the United Kingdom and Switzerland). The product includes three Emerald sites in Switzerland. LC/LU has been extracted from VHR satellite data and other available data.

The production of N2K updates was coordinated by the European Environment Agency (EEA) in the frame of the EU Copernicus programme.

You can read more about the product here: https://land.copernicus.eu/en/products/n2k/n2k-2018 .

Simple

Date (Creation)	2021-07-16
Date (Publication)	2021-07-16
Edition	01.00
Citation identifier	copernicus_v_3035_10_m_n2k-2018_p_2017-2019_v01_r00
Citation identifier	DAT-192-en
Code	10.2909/7d3b6dde-5884-45ee-82b2-611e7b2efd1f

Point of contact

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European Environment Agency		copernicus@eea.europa.eu	https://land.copernicus.eu	Distributor
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European Environment Agency		copernicus@eea.europa.eu	https://land.copernicus.eu	Point of contact

Point of contact

No information provided.

Maintenance and update frequency	Continual
GEMET - INSPIRE themes, version 1.0	• Land cover • Protected sites
Keywords	
Continents, countries, sea regions of the world.	• Switzerland • United Kingdom • EU27 (from 2020)
Keywords	
GEMET	• protected area • natural areas protection

	• habitat • natural area • landscape alteration • land use • species
Spatial scope	• European
EEA topics	• Biodiversity • Land use
EEA Management Plan	• 2017 3.6.2

Resource constraints

No information provided.

Access constraints	Other restrictions
Other constraints	no limitations to public access
Use constraints	Other restrictions
Other constraints	Access to data is based on a principle of full, open and free access as established by the Copernicus data and information policy Regulation (EU) No 1159/2013 of 12 July 2013. This regulation establishes registration and licensing conditions for GMES/Copernicus users. Free, full and open access to this data set is made on the conditions that: 1. When distributing or communicating Copernicus dedicated data and Copernicus service information to the public, users shall inform the public of the source of that data and information. 2. Users shall make sure not to convey the impression to the public that the user's activities are officially endorsed by the Union. 3. Where that data or information has been adapted or modified, the user shall clearly state this. 4. The data remain the sole property of the European Union. Any information and data produced in the framework of the action shall be the sole property of the European Union. Any communication and publication by the beneficiary shall acknowledge that the data were produced “with funding by the European Union”.
Spatial representation type	Vector
Distance	10 10 m
Language of dataset	English
Character set	UTF8
Topic category	• Environment • Imagery base maps earth cover
Begin date	2017-01-01
End date	2019-12-31

66.79	N	27.87	S	33.17	E	-16.81	W

Additional Information	Spatial Resolution information: The Minimum Mapping Width is 10 m
Coordinate reference system identifier	EPSG:3035
Distribution format	• GDB (1.1) • Spatialite ( )

OnLine resource

Protocol	Linkage	Name
ESRI:REST	https://copernicus.discomap.eea.europa.eu/arcgis/rest/services/Natura2000/N2K_2018/MapServer	
OGC:WMS	https://copernicus.discomap.eea.europa.eu/arcgis/services/Natura2000/N2K_2018/MapServer/WMSServer?request=GetCapabilities&service=WMS	
WWW:LINK-1.0-http--link	https://land.copernicus.eu/en/products/n2k/n2k-2018#Download	Download (requires authentication)

OnLine resource

Protocol	Linkage	Name
DOI	https://doi.org/10.2909/7d3b6dde-5884-45ee-82b2-611e7b2efd1f	

Hierarchy level	Dataset

Conformance result

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

Statement	Generation of a Land Cover/Land Use (LC/LU) dataset by visual image interpretation and delineation based on Very High Resolution (VHR) satellite data from 2018 ±1 year. Additional in-situ and ancillary datasets relevant for the production were also integrated into the workflow to support the LC/LU analysis. The classification provides 55 distinct thematic classes. The class definitions follow a pre-defined nomenclature based on the Mapping and Assessment of Ecosystems and their Services (MAES) typology of ecosystems (at level 1) and are further harmonised with Corine Land Cover and adapted to the specific characteristics of grasslands habitats (levels 2 to 4). The Minimum Mapping Unit (MMU) is 0.5 ha and the Minimum Mapping Width (MMW) is 10 m. The positional accuracy is less than 5 m (according to geo-location accuracy of satellite imagery delivered by ESA: less than 5m RMSE). Producer's accuracy assessment approach: stratified random point sampling. Interpretation of sampling points was performed on the best available reference data. The overall accuracy is higher than 85%.

Metadata

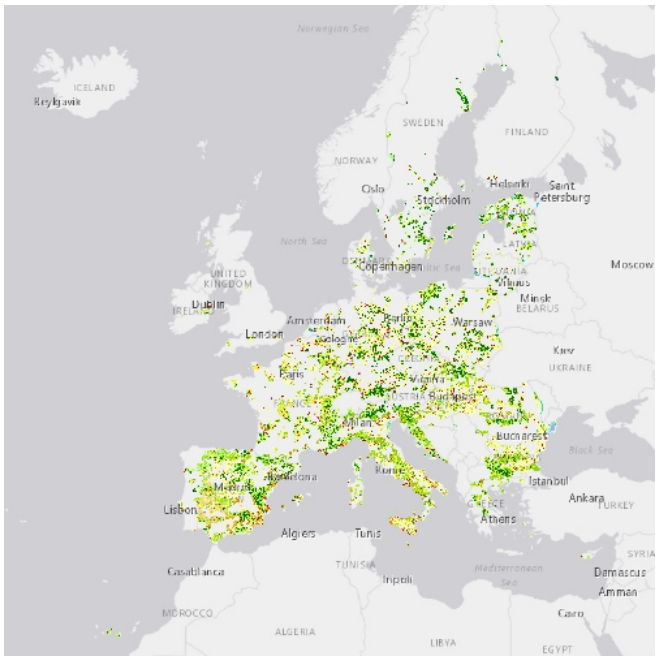
File identifier	7d3b6dde-5884-45ee-82b2-611e7b2efd1f XML

Metadata language	English
Character set	UTF8
Hierarchy level	Dataset
Date stamp	2024-02-06T16:45:22.692Z
Metadata standard name	ISO 19115/19139
Metadata standard version	1.0

Metadata author

Organisation name	Individual name	Electronic mail address	Website	Role
European Environment Agency		sdi@eea.europa.eu		Point of contact

Overviews



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