



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.

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	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	<ul style="list-style-type: none"> Land cover Protected sites 				
Keywords					
Continents, countries, sea regions of the world.	<ul style="list-style-type: none"> Switzerland United Kingdom EU27 (from 2020) 				
Keywords					
GEMET	<ul style="list-style-type: none"> protected area natural areas protection habitat natural area landscape alteration 				

	<ul style="list-style-type: none"> • land use • species
Spatial scope	<ul style="list-style-type: none"> • European
EEA topics	<ul style="list-style-type: none"> • Biodiversity • Land use
EEA Management Plan	<ul style="list-style-type: none"> • 2017 3.6.2
Access constraints	Other restrictions
Other constraints	no limitations to public access
Use constraints	Other restrictions
Other constraints	<p>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.</p> <p>The Copernicus land monitoring products and services are made available on a principle of full, open and free access, as established by the Commission Delegated Regulation (EU) No 1159/2013 of 12 July 2013.</p> <p>Free, full and open access to the products and services of the Copernicus Land Monitoring Service is made on the conditions that:</p> <ol style="list-style-type: none"> 1. When distributing or communicating Copernicus Land Monitoring Service products and services (data, software scripts, web services, user and methodological documentation and similar) to the public, users shall inform the public of the source of these products and services. 2. Where the Copernicus Land Monitoring Service products and services have been adapted or modified by the user, the user shall clearly state this. 3. Users shall make sure not to convey the impression to the public that the user's activities are officially endorsed by the European Union.
Spatial representation type	Vector
Distance	10 m
Language of dataset	English
Character set	UTF8
Topic category	<ul style="list-style-type: none"> • Environment • Imagery base maps earth cover
Begin date	2017-01-01
End date	2019-12-31



Additional Information	Spatial Resolution information: The Minimum Mapping Width is 10 m		
Coordinate reference system identifier	EPSG:3035		
Distribution format	<ul style="list-style-type: none"> • 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

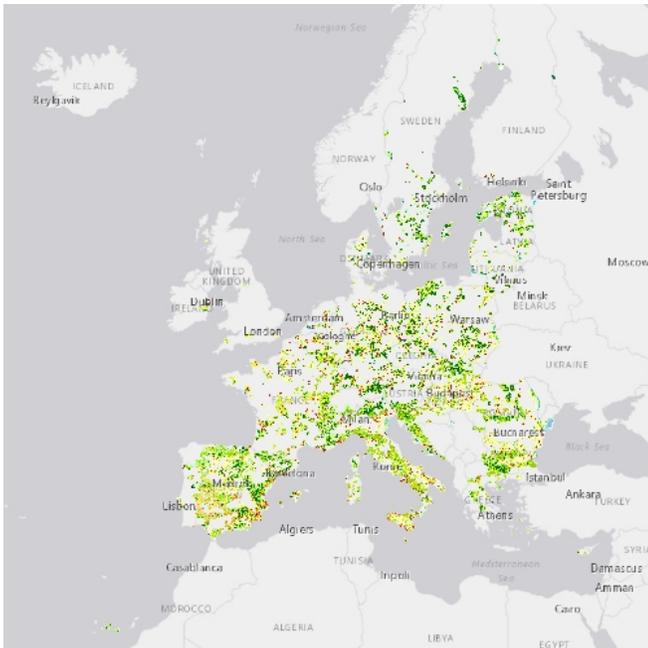
Title	Commission Regulation (EU) No 1089/2010 of 23 November 2010 implementing Directive 2007/2/EC of the European Parliament and of the Council as regards interoperability of spatial data sets and services
Date (Publication)	2010-12-08
Explanation	See the referenced specification

Statement	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%.
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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



Provided by

