

# Small Woody Features 2015 (vector), Europe, 3-yearly - Nov. 2019

The HRL Small Woody Features (SWF) is a new Copernicus Land Monitoring Service (CMLS) product, which provides harmonized information on linear structures such as hedgerows, as well as patches (200 m² area 5000 m²) of woody features across the EEA39 countries.

Small woody landscape features are important vectors of biodiversity and provide information on fragmentation of habitats with a direct potential for restoration while also providing a link to hazard protection and green infrastructure, amongst others. The SWF layer contains woody linear, and small patchy elements, but is not differentiated into trees, hedges, bushes and scrub. The spatial pattern are limited to linear structures and isolated patches (patchy structures) on the basis of geometric characteristics. Additional Woody Features (AWF) are also included in this product. They consist of woody structures that do not fulfil the SWF geometric specifications but which are connected to valid SWFs structures. VHR imagery (DEIMOS-2, Pleiades 1A, Pleiades 1B, GeoEye-1, SPOT 6, SPOT 7, WorldView-2, WorldView-3 images from 2015) made available in the ESA Copernicus DWH are the main data source for the detection of small woody features identifiable within the given image resolution.

The dataset is available for the 2015 reference year and is produced in three different formats. This metadata corresponds to the SWF vector layer, which separates the SWF class into Linear (code = 1) and Patchy (code = 2). Additional Woody Features are represented with code = 3. This is the primary product of the Small Woody Features mapping, and thus also the one with most detail. The vector data set can be downloaded in Geodatabase and Geopackage formats.

You can read more about the product here: https://land.copernicus.eu/en/products/high-resolution-layer-small-woody-features/small-woody-features-20 15.

### **Simple**

Date (Creation)	2019-11-06				
Date (Publication)	2019-11-06				
Date (Revision)	2020-03-04				
Edition	01.00				
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Citation identifier	DAT-237-en				
Code	10.2909/afde0fbb-6401-45cd-aabd-3aa7b4b3a7f0				
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No information provided.

Maintenance and update frequency	Continual
GEMET - INSPIRE themes, version 1.0	Land cover
Keywords	
Continents, countries, sea regions of the world.	• EEA39
Keywords	
	landscape alteration

GEMET	land use
	• sealing
	land cover
	urban area
	soil surface sealing
	built environment
Spatial scope	• European
EEA Management Plan	• 2020 3.6.7
	Biodiversity
EEA topics	Agriculture and food
	Land use
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:
	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.
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	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
Denominator	5000
Language of dataset	English
Character set	UTF8
Topic category	Environment     Imagery base maps earth cover
Begin date	2014-01-01
End date	2016-12-31



English

UTF8

Dataset



Metadata language

Character set

Hierarchy level

Coordinate reference system identifier	EPSG:3035				
Distribution format	• GDB()	• GDB()			
	Geopackage ( )				
OnLine resource	Protocol	Linkage Name			
	OGC:WMS	https://image.discomap.eea.europa.eu/arcgis/services //DownloadLayers/HRL_SWF_2015_DL/MapServer/WMSServer? service=WMS&request=GetCapabilities&version=1.3.0			
	ESRI:REST	https://image.discomap.eea.europa.eu/arcgis/rest/services /DownloadLayers/HRL_SWF_2015_DL/MapServer/			
OnLine resource	Protocol	Linkage Name			
	DOI	https://doi.org/10.2909/afde0fbb-6401-45cd-aabd- 3aa7b4b3a7f0			
Hierarchy level	Dataset				
Conformance result	1				
Date (Publication)	2010-12-08				
Explanation	See the referenced specification				
Statement	landscape features are important vec restoration while also providing a link Mapping Unit (MMU) for small patche Minimum Mapping Length (MML) of li maximum for linear instead of 30 m r fulfil the SWF geometric specifications considered as valid SWF. No data (or (Northeast Norway) have been discor	Interpretation of linear and patchy features on pan-sharpened VHR_IMAGE_2015. Small woody tors of biodiversity and provide information on fragmentation of habitats with a direct potential for to hazard protection and green infrastructure, amongst others (code = 1). Besides, the Minimum is of trees is 200 m² while the Maximum Mapping Unit (MaxMU) is defined by 5000 m². The inear elements is 50 m. There is also an other distinction between this two structures: width (30 m inimum for patchy). Additional Woody Features (code = 3) consist of woody structures that do not is but which are connected to valid SWFs structures, as well as patchy structures too large to be ode = 254). Out of Large Region limits (code = 255). Tiles NO116 (Southeast Norway) and NO119 ntinued and will not be published due to lack of availability of suitable satellite data.			
Metadata	ı				
Melauala					

Date stamp	2024-02-06T16:45:07.196Z				
Metadata standard name	ISO 19115/19139				
Metadata standard version	1.0				
Metadata author			Electronic		
	Organisation name	Individual name	mail address	Website Role	
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## Overviews



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