EEA geospatial data catalogue

HRL Grassland and Herbaceous

High Resolution Layer Grasslands products map the location and size of permanent and temporary grasslands, presented in two datasets: Herbaceous layer (HER) and Grassland layer (GRA). Both are offered at high resolution and include annual status layers. Change layers are also available for the grassland layer, showing grassland vegetation gain and loss in 3-yearly updates. Furthermore, the Plouging Indicator (PLOUGH) is offered, providing information on the number of years estimated since the last ploughing event, which is used in distinguishing between the permanent and temporary grasslands in HER and GRA.

The product was initially on a 3-year update cycle, producing reference year 2015. From reference year 2017 and onwards the product is produced annually.

High Resolution Layer Grasslands product is part of the European Union's Copernicus Land Monitoring Service.

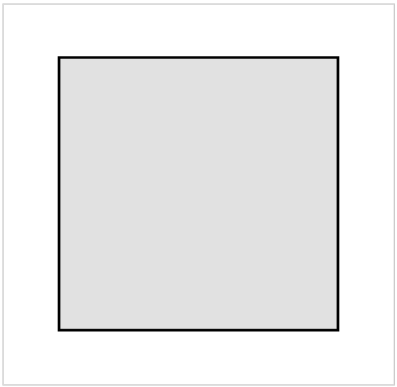
Simple

Identification info

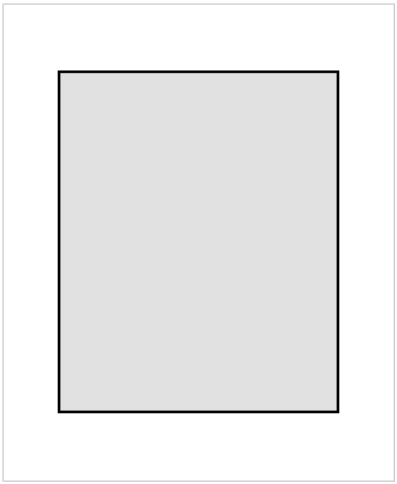
Date (Publication)	2026-07-01
Citation identifier	copernicus_grassland-herbaceous_s
Point of contact	**Organisation** / **Individual** / **Electronic mail address** / **Website** / **Role** Copernicus Land Monitoring Service / JRC-Copernicus-Land@ec.europa.eu / https://land.copernicus.eu / Custodian European Environment Agency / sdi@eea.europa.eu / http://www.eea.europa.eu / Publisher
Spatial representation type	Grid
Topic category	• Environment • Imagery base maps earth cover

Extent

71.16	N	27.64	S	44.81	E	-31.28	W



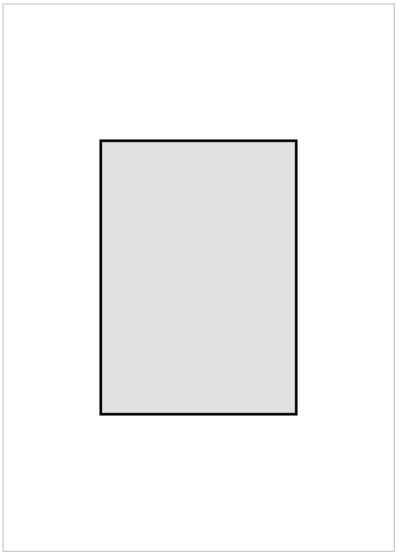
5.77	N	2.11	S	-51.61	E	-54.62	W



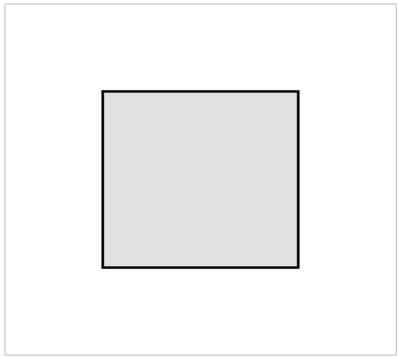
14.88	N	14.38	S	-60.79	E	-61.24	W

16.52	N	15.82	S	-60.99	E	-61.82	W

-12.58	N	-13.08	S	45.31	E	44.94	W



-20.87	N	-21.39	S	55.84	E	55.21	W



Temporal extent

Time period	2018-01-01

Temporal extent

Time period	2018-01-01 2021-12-31

Temporal extent

Time period	2021-01-01 2024-12-31

Continents, countries, sea regions of the world.	• EEA38 (from 2020)
EEA Management Plan	• 2024 6.5.24
EEA topics	• Nature protection and restoration • Biodiversity: state of habitats and species • Agriculture and food system • Land use
GEMET	• land use • agricultural method
GEMET - INSPIRE themes, version 1.0	• Land use • Land cover
Spatial scope	• European

Associated resource

Association Type	Is composed of
Metadata Reference	• Grassland 2017 - Present (raster 10m), Europe, yearly, Nov. 2024

Associated resource

Association Type	Is composed of
Metadata Reference	• Herbaceous cover 2017 - Present (raster 10m), Europe, yearly, Nov. 2024

Associated resource

Association Type	Is composed of
Metadata Reference	• Ploughing indicator 2017 - Present (raster 10m), Europe, yearly, Nov. 2024

Associated resource

Association Type	Is composed of
Metadata Reference	• Grassland Change 2018-2021 (raster 20m), Europe, 3-yearly, Nov. 2024

Associated resource

Association Type	Is composed of
Metadata Reference	• Grassland 2017 - Present (raster 100m), Europe, yearly, Nov. 2024

Associated resource

Association Type	Is composed of
Metadata Reference	• Grassland Change 2021-2024 (raster 20m), Europe, 3-yearly, June. 2026

Metadata

Metadata identifier	b373dc38-325f-483d-9c6c-efb0d50b2ddb
Language	English
Character encoding	UTF8

Type of resource

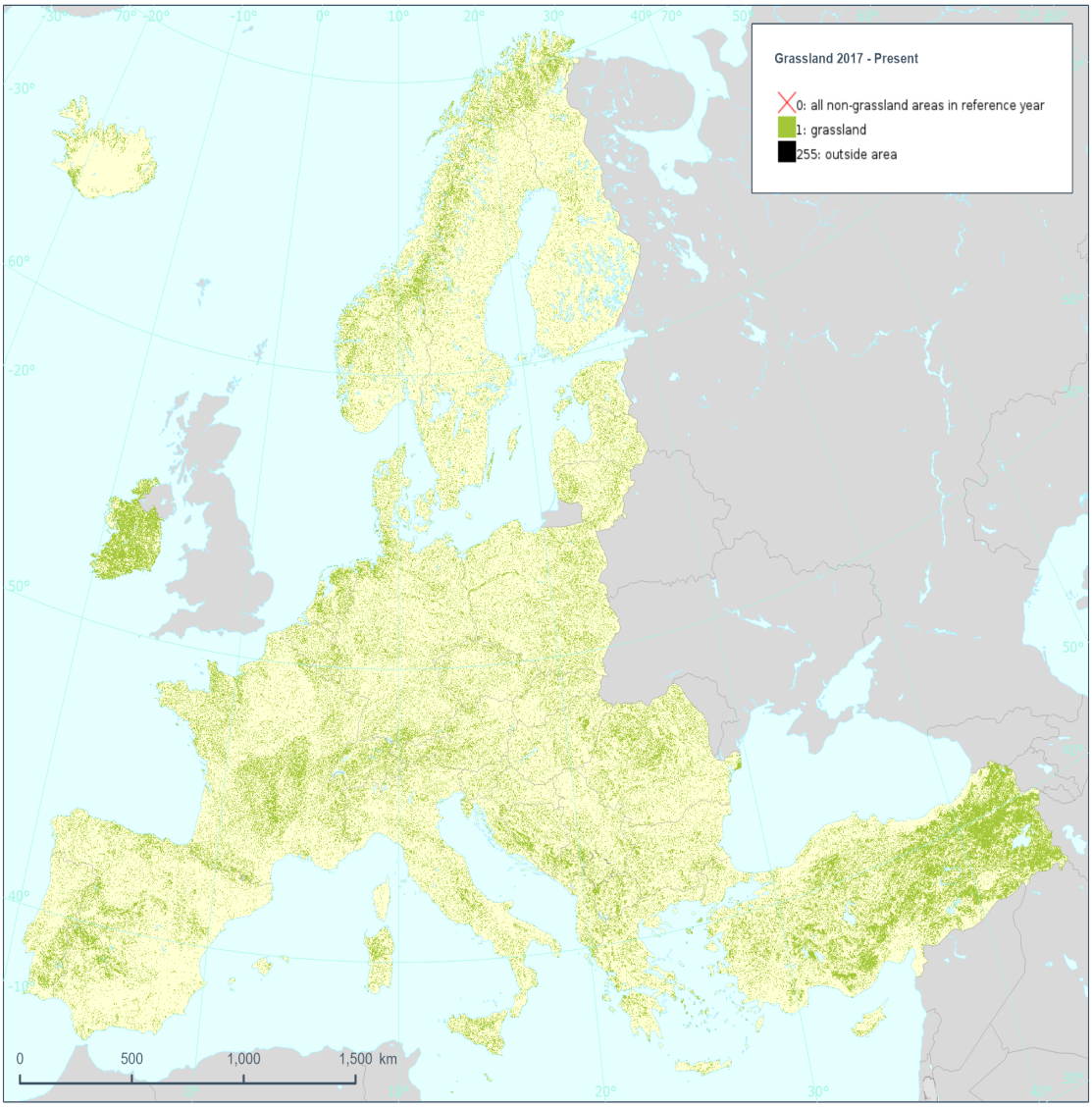
Resource type	Series

Metadata linkage	https://sdi.eea.europa.eu/catalogue/srv/api/records/b373dc38-325f-483d-9c6c-efb0d50b2ddb?language=all
Date info (Creation)	2024-11-26T16:14:36.742977Z
Date info (Revision)	2026-10-11T14:42:42.684367Z

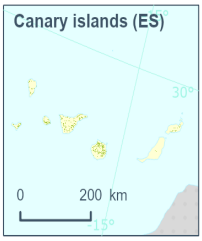
Metadata standard

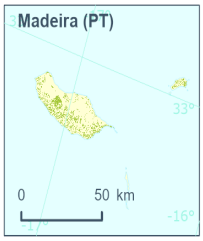
Title	ISO 19115-3:2018
Edition	1.0

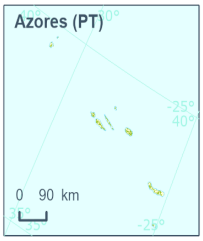
Overviews

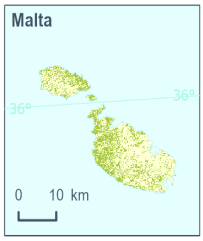


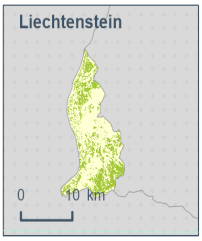
Reference data: © EuroGeographics, © FAO (UN), © TurkStat Source: European Commission – Eurostat/GISCO











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