EEA geospatial data catalogue

Grassland intensification by CORINE Land Cover changes 2006-2012, Nov. 2016

The dataset represents a pressure trend indicator as measure of intensification of agroecosystems. The trend indicator is the share of grassland area affected by internal Land Cover flows between CORINE 2006 and 2012, presented at NUTS3 level. Those changes were used to identify the internal flows related to more intense use, mainly linked to the increase in resource and machinery use. The internal flows related to intensification were defined based on an expert consultation done in the context of the ETC/ULS actions.

Simple

Identification info

Date (Creation)	2016-11-30
Citation identifier	eea_v_3035_1_mio_grass-intens-lcf_p_2006-2012_v01_r00

Point of contact

Organisation	Individual	Electronic mail address	Website	Role
European Environment Agency		sdi@eea.europa.eu	http://www.eea.europa.eu	Point of contact
European Environment Agency		sdi@eea.europa.eu		Custodian

Spatial representation type	Vector

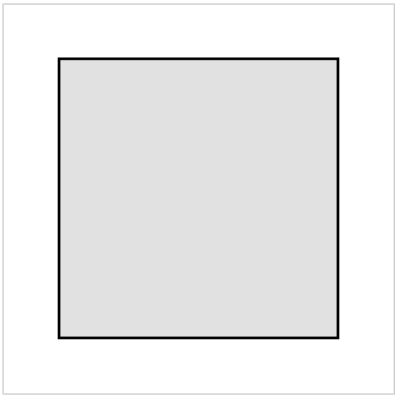
Spatial resolution

Equivalent scale

Denominator	1000000
Topic category	• Environment

Extent

72.00	N	32.25	S	45.70	E	-26.00	W



Extent

Temporal extent

Time period	2006-01-01 2012-12-31
Maintenance and update frequency	Not planned
GEMET - INSPIRE themes, version 1.0	• Land use • Land cover • Statistical units
GEMET	• grassland • nutrient • land cover • pressure • land use
Continents, countries, sea regions of the world.	• EEA39
Spatial scope	• European
EEA topics	• Agriculture and food system • Land use • Sustainability challenges

Resource constraints

Use constraints	Other restrictions
Other constraints	License CC-BY 4.0 (https://creativecommons.org/licenses/by/4.0/). Copyright holder: European Environment Agency (EEA).

Resource constraints

Access constraints	Other restrictions
Other constraints	no limitations to public access
Language	English
Character encoding	UTF8

Distribution Information

Distribution format	• SHP
OnLine resource	https://sdi.eea.europa.eu/webdav/datastore/public/eea_v_3035_1_mio_grass-intens-lcf_p_2006-2012_v01_r00
OnLine resource	Direct download
OnLine resource	https://land.discomap.eea.europa.eu/arcgis/rest/services/Agriculture/Grassland_intensification_LCF_2006_2012/MapServer
OnLine resource	0 Percentage of grasslands per administrative unit under intensification from management practices

Data quality info

Hierarchy level	Dataset

Report

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

Resource lineage

Statement	Land cover changes between the 2 most recent Corine Land Cover layers (2006, 2012) were used to identify the internal flows related to more intense use. The internal flows related to intensification are defined based on an expert consultation done in the context of the ETC/ULS. Those represent land cover changes that are linked to increase in resource and machinery use. The next LCF were selected: - LCF522: Diffuse conversion from semi-natural land to agriculture: Conversion from dry semi-natural land (except CLC324, grouped with forests) to pasture and mixed agriculture with pasture. - LCF463: Diffuse conversion from pasture to arable and permanent crops: Conversion from complex cultivation patterns including pasture (CLC242) to uniform arable land and permanent crops as well as to associations of the last two (CLC241) and conversion of uniform pasture (CLC231) to complex cultivation patterns. An intensification raster was created using the CLC change layer and a lookup table for the related land cover changes. On the other side, a grassland layer was created as reference area for the calculation of the share of changes on the respective land cover type. The shares are calculated after summarizing at NUTS3 (NUTS2 for Germany) level, leading to the percentage of LCF change per specific land cover type. https://forum.eionet.europa.eu/etc-urban-land-and-soil-systems/library/action-plan-2016/1.8.2.2-land-resource-efficiency/deliverables/
Hierarchy level	Dataset

Reference System Information

Reference System Information

Code	EPSG:3035

Metadata

Metadata identifier	8a10c132-d5c1-456f-a24c-be42d414e878
Language	English

Character encoding	UTF8

Contact

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

Type of resource

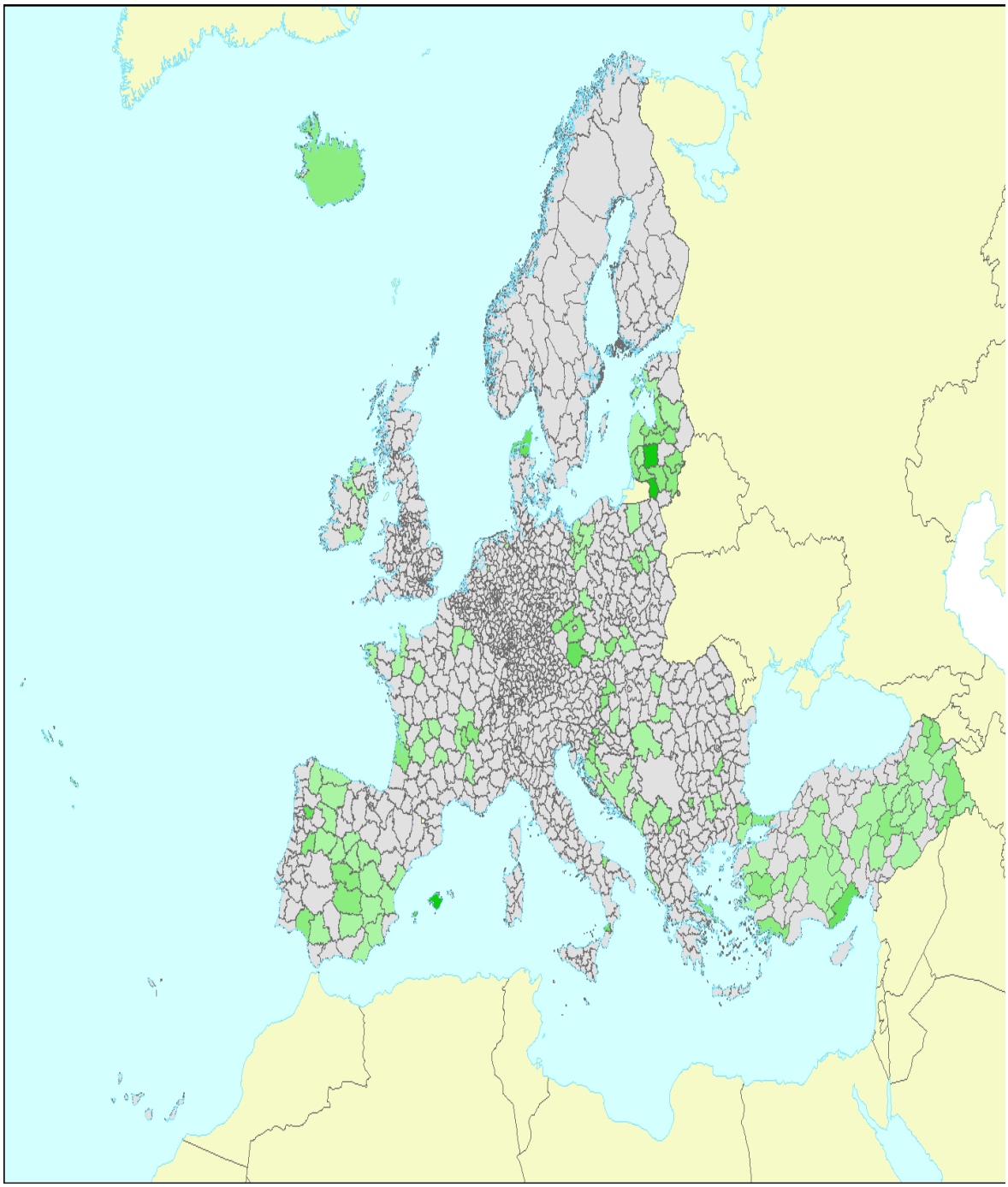
Resource type	Dataset

Metadata linkage	https://sdi.eea.europa.eu/catalogue/srv/api/records/8a10c132-d5c1-456f-a24c-be42d414e878?language=all
Date info (Creation)	2018-06-01T14:14:40Z
Date info (Revision)	2025-10-09T11:02:18.428234Z

Metadata standard

Title	ISO 19115/19139
Edition	1.0

Overviews



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