

JRC Dataset

INCA - Pollination - ES Demand - 2004-2008 - LAU2

Description:

This dataset is an output of KIP INCA. It describes the demand for pollination services at EU scale, based on the distribution of crops. The vectormap shows the aggregated demand at LAU level as hectare of pollinator dependent crops for 2004 and 2008. -999 Nodata. LAU stands for Local Administrative Unit. The LAU2 level used in this map (formerly NUTS level 5) consists of municipalities or equivalent units in the 28 EU Member States. Together with data which describe the potential of the land to support pollinators this dataset can be used to account for pollination as an ecosystem service flow. Pollination is a key ecosystem service as many crops but in particular, fruits and vegetables are partially dependent on pollinating insects to produce food for human consumption. The demand for crop pollination was quantified as the extent of pollinator-dependent crops. The assessment is based on CAPRI data. Demand is expressed as ha of pollinator-depended crops.

Contributors:

- Vallecillo, Sara sara.vallecillo@ec.europa.eu

How to cite:

Vallecillo, Sara(2018): INCA - Pollination - ES Demand - 2004-2008 - LAU2. European Commission, Joint Research Centre (JRC) [Dataset] PID: <http://data.europa.eu/89h/3e6c12b8-155f-48f0-93a5-07aae80fed23>

Keywords:

Agricultural and aquaculture facilities, Bio-geographical regions, Habitats and biotopes, Land cover, Land use, crop production, ecosystem services, pollination

Related resources:

Data access

Download Pollination Demand 2008

The compressed zipfile INCA_Pollination_Demand_2000_2012_LAU2.zip contains for every municipality (LAU2) the pollination demand expressed as ha of pollinator-depended crops for 2004 and 2008.

http://cidportal.jrc.ec.europa.eu/ftp/jrc-opendata/MAES/INCA/Pollination/Demand/INCA_Pollination_Demand_2000_2012_LAU2.zip

Publications

Ecosystem services accounting: Part I - Outdoor recreation and crop pollination

Vallecillo Rodriguez, S., La Notte, A., Polce, C., Zulian, G., Alexandris, N., Ferrini, S. and Maes, J., Ecosystem services accounting: Part I - Outdoor recreation and crop pollination , EUR 29024 EN, Publications Office of the European Union, Luxembourg, 2018, ISBN 978-92-79-77333-4, doi:10.2760/619793, JRC110321.

DOI:[10.2760/619793](https://doi.org/10.2760/619793)

Additional information:

Issue date: 2018-07-26

Landing page: <http://biodiversity.europa.eu/maes>

Temporal coverage: From: 2004-01-01 – To: 2008-01-01

Update frequency: None

Language: English

Data theme(s): Agriculture, fisheries, forestry and food; Economy and finance; Environment

EuroVoc domain(s): 52 ENVIRONMENT; 56 AGRICULTURE, FORESTRY AND FISHERIES

EuroVoc concept(s): biotope; land use; means of agricultural production

Identifier: <http://data.europa.eu/89h/3e6c12b8-155f-48f0-93a5-07aae80fed23>

Geographic information:

Lineage: No additional information

Geographic bounding box: 81.4° N, 43.2° E, 35.3° S, -11.5° W

Coordinate Reference System: ETRS89 / LAEA Europe