

JRC Dataset

INCA - Pollination - ES Potential - 2000-2012 - LAU2

Description:

This dataset is an output of KIP INCA. It describes the potential (ES Potential) of land to support pollination services using municipalities as reporting unit. The vectormap shows the mean values at LAU level of the pollination potential indicator for 2000, 2006 and 2012. -999 Nodata. Dimensionless indicator. 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 demand for pollination 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 assessment of pollination potential is based on an indicator of the environmental suitability to support wild insect pollinators. The environmental suitability is, then, used to delineate service providing areas (SPA). Pollination potential is presented by this dataset as a dimensionless indicators.

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How to cite:

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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 Potential 2012

The compressed zipfile INCA_Pollination_Potential_2000_2012_LAU2.zip contains the pollination potential as a dimensionless indicator at municipality level (LAU2) for the years 2000, 2006 and 2012

http://cidportal.jrc.ec.europa.eu/ftp/jrc-opendata/MAES/INCA/Pollination/Potential/INCA_Pollination_Potential_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: 2018-07-24

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

Temporal coverage: From: 2000-01-01 – To: 2012-01-01

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/495fca6c-5ac2-40c2-849f-7c94ef141bbf>

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