

JRC Dataset

INCA - Pollination - ES Flow - 2012

Description:

This dataset is an output of KIP INCA. It describes the ecosystem service of crop pollination. In particular the data represent the actual use of pollination as an ecosystem service. 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 overlap between the pollination potential and demand for pollination is used to quantify the area generating the actual flow (or use) of the service : the use area. In this way, the use area is defined as the extent of pollinator-dependent crops benefiting from the service providing area with different pollination potentials. The data express the amount (kg) of crop per pixel attributable to the role of pollinators. The potential is based on the data for 2012 (INCA - Pollination - ES Potential -2012). The demand is based the data for 2008 (INCA - Pollination - ES Demand -2008).

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How to cite:

Maes, Joachim(2010): INCA - Pollination - ES Flow - 2012. European Commission, Joint Research Centre (JRC) [Dataset] PID: <http://data.europa.eu/89h/d788e306-d09c-465a-a948-5efa95f84ad7>

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 Actual use 2012

The compressed zipfile INCA_Pollination_Flow_2012.zip describes the actual flow of crop pollination calculated using CAPRI data. The data represent the weight (kg) of crop per pixel attributable to the role of pollinators in 2012.

http://cidportal.jrc.ec.europa.eu/ftp/jrc-opendata/MAES/INCA/Pollination/Flow/INCA_Pollination_Flow_2012.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: 2010-07-26

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

Temporal coverage: From: 2006-01-01 – 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/d788e306-d09c-465a-a948-5efa95f84ad7>

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