

JRC Dataset

INCA - Recreation - ES Demand- 2000-2006-2012

Description:

This dataset is an output of KIP INCA. It describes the demand (ES Demand) for outdoor recreation on a daily basis (requiring short distance movement to reach a recreational area). Outdoor recreation is a cultural ecosystem service that includes all physical and intellectual interactions with biota, ecosystems, land-/seascapes. Households are considered as user of the service; therefore, to quantify the demand for outdoor recreation we used the population data from the Global Human Settlement (GHS) model (European Commission-Joint Research Centre) . For comparative purposes, population density is estimated at LAU region as the ratio between the total population and the area of the region (persons per square kilometre). The assessment is based on an analysis of ROS9 classes (More information is available in Vallecillo et al. 2018) Dem_allyears_use_based.shp contains: lau_km2: extent of LAU2 region in km2 pop_2000: inhabitants in year 2000 pop_2012: inhabitants in year 2000 sh_met00: share of population in 2000 living closer than 4 km from ROS9 areas shunme00: share of population in 2000 living beyond 5 km from ROS9 areas sh_met12: share of population in 2012 living closer than 4 km from ROS9 areas shunme12: share of population in 2012 living beyond 5 km from ROS9 areas For mapping demand in relative terms: Pden_00: population density (inhabitants per km2) in 2000 Pden_12: population density (inhabitants per km2) in 2012

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Keywords:

Bio-geographical regions, Habitats and biotopes, Land cover, Land use, ecosystem services, municipality, recreation

Related resources:

Data access

Download Recreation Potential

The compressed zipfile INCA_Recreation_Demand_2000-2012.zip contains the population density and number of inhabitants per LAU2 (municipality)

http://cidportal.jrc.ec.europa.eu/ftp/jrc-opendata/MAES/INCA/Recreation/Demand/INCA_Recreation_Demand_2000-2012.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: 2018-03-05

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): Economy and finance; Environment

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

EuroVoc concept(s): biotope; land use

Identifier: <http://data.europa.eu/89h/289fc17a-55db-4441-9409-f26ff1c23c08>

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