JRC Dataset

Distribution map of Quercus robur (2006, FISE, C-SMFAv0-3-2)

Description:
This dataset series shows the distribution map (raster format: geotiff) of Quercus robur. The distribution map is provided for Europe (EU28 plus part of other countries within the spatial extent), computed using the FISE harmonised European dataset of taxa presence/absence (based on the integration and harmonisation of the datasets by European National Forestry Inventories; BioSoil; Forest Focus/Monitoring; EUFGIS; GeneticDiversity). The distribution is estimated by means of statistical interpolation (Constrained Spatial Multi-Frequency Analysis, C-SMFA). Available years: 2006. The maps are available in the Forest Information System for Europe (FISE). FISE is run by the European Commission, Joint Research Centre. See the field Lineage for further information. When using these data, please cite the relevant data sources. A suggested citation is included in the following:  - Various authors, 2016. Quercus robur and Quercus petraea in Europe: an outline on distribution, habitat, importance and threats. In: Online European Atlas of Forest Tree Species. FISE Comm. Publications Office of the European Union. pp. e01c6df+. (Under review: please, check the current status at: https://w3id.org/mtv/FISE-Comm/v01/e01c6df)  - de Rigo, D., Caudullo, G., Houston Durrant, T., San-Miguel-Ayanz, J., 2016. The European Atlas of Forest Tree Species: modelling, data and information on forest tree species. In: San-Miguel-Ayanz, J., de Rigo, D., Caudullo, G., Houston Durrant, T., Mauri, A. (Eds.), European Atlas of Forest Tree Species. Publ. Off. EU, Luxembourg, pp. e01aa69+. https://w3id.org/mtv/FISE-Comm/v01/e01aa69  -

Keywords:
Europe, FISE, Model: Constrained Spatial Multi-scale Frequency Analysis (C-SMFA), Modelled quantity: Relative Probability of Presence (RPP), Modelling paradigm: Geospatial Semantic Array Programming (GeoSemAP), Species distribution, Taxonomy division type: Broadleaved, Taxonomy family: Fagaceae, Taxonomy genus: Quercus, Taxonomy species: Quercus robur, forest, forest resource, mathematical analysis, modelling, natural resource, scientific research, spatial distribution, tree

Related resources:

Data access

[Download] Data Download Service
Data download service for maps of Quercus robur distribution for the current situation (year 2006; forest tree species data: FISE)
https://w3id.org/mtv/FISE/map-data-RPP/v0-3-2/internet/Quercus-robur

[VIEW] [WMS] INSPIRE View Service
INSPIRE compliant view service for maps of Quercus robur distribution for the current situation (year 2006; forest tree species data: FISE)
https://w3id.org/mtv/FISE/map-RPP/v0-3-2/internet/Quercus-robur

Additional information:
Last Modified: 2014-01-08
Issue date: 2016-08-01
Temporal coverage: From: 2006-01-01 – To: 2006-12-31
Language: English
Data theme(s): Environment
EuroVoc domain(s): 52 ENVIRONMENT; 56 AGRICULTURE, FORESTRY AND FISHERIES; 64 PRODUCTION, TECHNOLOGY AND RESEARCH
EuroVoc concept(s): biodiversity; forest; scientific research; tree
Identifier: http://data.europa.eu/89h/67f1cc7b-aae1-4a2c-b060-034eb1414970

Geographic information:


Geographic bounding box: 67.658° N, 74.359° E, 28.922° S, -36.684° W
Coordinate Reference System: ETRS89 / LAEA Europe