

JRC Dataset

Topsoil Soil Organic Carbon (LUCAS) for EU25

Description:

This dataset (2015) provides maps for Topsoil Soil Organic Carbon in EU-25 that are based on LUCAS 2009 soil point data through a generalized additive model. Map of predicted topsoil organic carbon content (g C kg⁻¹): The map of predicted topsoil organic carbon content (g C kg⁻¹) was produced by fitting a generalised additive model between organic carbon measurements from the LUCAS survey (dependent variable) and a set of selected environmental covariates; namely slope, land cover, annual accumulated temperature, net primary productivity, latitude and longitude. It also includes a Map of standard error of the OC model predictions (g C kg⁻¹).

Keywords:

SOC, content, organic carbon, policy

Related resources:

Data access

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<https://esdac.jrc.ec.europa.eu/content/topsoil-soil-organic-carbon-lucas-eu25>

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