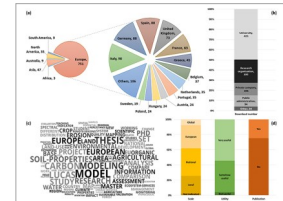


LUCAS Soil, the largest expandable soil dataset for Europe

LUCAS Soil represents the largest harmonized open-access dataset of topsoil properties available for the European Union. It was developed as an expandable resource, with the possibility to add new properties and sampling locations during successive sampling campaigns. Approximately 45,000 soil samples have been collected from two time-periods, 2009–2012 and 2015. Data are available to the scientific community and decision makers, thus contributing to both research and the development of the land-focused policy agenda. A [recent review](#) describes the past LUCAS assessment, the current ongoing one (LUCAS 2015) and the proposed modules for the 2018 LUCAS topsoil survey. Finally, you can find information and statistics on how the LUCAS has been used to develop additional pan-European datasets and which are the main users:

<https://esdac.jrc.ec.europa.eu/projects/lucas>



The Global Soil Organic Carbon Map (GSOCmap)

The Global Soil Partnership (GSP) and the Intergovernmental Technical Panel on Soils (ITPS) launched a global endeavor to develop the Global Soil Organic Carbon map (GSOCmap) using a country-driven approach as part of the Global Soil Information System (GLOSIS). GSP provided technical support and on-the-job training to most countries to produce national SOC maps according to standardized specifications. The Global Soil Organic Carbon map V1.0 is an important stepping stone to better know the current Soil Organic Carbon stock stored beneath our feet and soils' potential for further sequestration. The data are also available as [Geotiff](#).

<http://www.fao.org/world-soil-day/global-soil-organic-carbon-map/en/>



Asia –JRC Joint conference on soil erosion, Seoul 5-7 December 2017

Asia-EC JRC Joint Conference 2017 “All That Soil Erosion: The Global Task to Conserve Our Soil Resources” took place in Seoul in December. With 430 registered participants from 15 countries, the event was an interesting forum of knowledge exchange, scientific discussion and plan for a future cooperation. This event was also considered as the 2nd workshop on soil erosion modelling as a follow up of the [Ispra workshop](#). ESDAC makes available the abstract, proceedings and the presentations.

<https://esdac.jrc.ec.europa.eu/themes/2nd-erosion-modelling-workshop-seoul-2017>



European Geosciences Union (EGU) General Assembly 2018

The EGU General Assembly 2018 will take place in April in Vienna (8-13 April 2018). This event brings together geoscientists from all over the world to one meeting covering all disciplines of the Earth, planetary and space sciences. The EGU aims to provide a forum where scientists, especially early career researchers, can present their work and discuss their ideas with experts in all fields of geoscience. Many soil related sessions are organised. Abstract submission deadline: 10.1.2018

<https://www.egu2018.eu/>



More Details

Download the ESDAC Newsletter: [PDF Format](#). Feedback: panos.panagos@ec.europa.eu

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