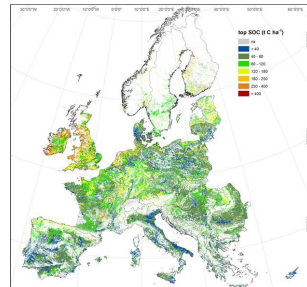


Pan-European Soil Organic Carbon (SOC) stock of agricultural soils

The future EU policy in agriculture will utilize SOC as indicator, both as a main parameter of soil quality and as a strategy to offset CO₂ emission by C sequestration. A consistent picture of agricultural SOC stock is missing as well as tools to orient the future policymaker decisions. To fill this gap, the JRC developed a comprehensive modelling platform with comparable and harmonised European geographical and numerical datasets. By running an unprecedented model using about 164,000 combinations of climate, soil and land use/management, a current topsoil SOC stock of **17.63 Gt** in EU agricultural soils was estimated. Results were tested against inventories from the EIONET and circa 20,000 soil samples from the 2009 LUCAS survey. Data that are **available for download**: Soil organic stock (t C ha⁻¹), Hectares under agricultural land use.



<http://eusoils.jrc.ec.europa.eu/library/Themes/SOC/CAPRESE/>

Circular Flow Land Use Management (CircUse)

A number of illustrations resulted from the EU project CIRCUSE (about soil protection and land management) which terminated in August 2013 (<http://www.circuse.eu>) and was co-financed by the ERDF. In order to support European soil awareness, the illustrations have been produced in 29 languages (available in A4 format and as Posters).



<http://eusoils.jrc.ec.europa.eu/projects/Eufunded/CircUse/>

International Year of Soils (IYS) 2015

The 68th United Nations General Assembly has designated the 5th of December as World Soil Day and declared 2015 as the International Year of Soils. The FAO Global Soil Partnership (GSP) Secretariat will serve as the Secretariat of the International Year of Soils and will establish an organizing committee composed by willing partners in order to prepare a joint plan of activities for the year. The GSP goal is to make IYS 2015 a memorable year demonstrating that the soils community can really contribute to the efforts for food security, hunger eradication, climate change adaptation, poverty reduction and sustainable development.



<http://eusoils.jrc.ec.europa.eu/InternationalCooperation/GSP/index.html#IYS>

European Geosciences Union (EGU) 2014

The EGU General Assembly 2014 will bring 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 geosciences. **Venue:** Vienna, Austria. 27 April – 02 May 2014.



<http://www.egu2014.eu/home.html>

Biogeochemical Processes at Air-Soil-Water Interfaces and Environmental Protection

This Conference is to promote exchange and discussion on the complex processes occurring at the Air-Soil-Water interfaces in a perspective of environmental protection.

Venue: Imola, Italy 23-26 June 2014 — <http://aswep-essc.unibo.it/>



More Details

Download the Newsletter: [PDF Format](#) or [HTML Format](#). **Feedback:** panos.panagos@jrc.ec.europa.eu

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