

Soil stakeholders' conference

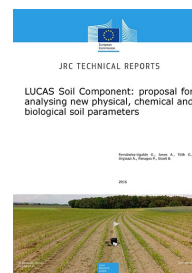
5 December 2016, 9:30 – 18:00 hrs, Brussels, Belgium; organised by the Directorate General for Environment of the European Commission. This event is a contribution of the European Commission to the **World Soil Day 2016** aiming at raising awareness on the importance of soils and the ecosystem services that they deliver. It is also part of the implementation of the EU Soil Thematic Strategy. The objective of this conference is to present the outcomes of an inventory and gap analysis of soil-related legislations at EU and Member states level, and the MAES Soil ecosystem services project. This will lead to a discussion on challenges and further policy developments with stakeholders.



http://ec.europa.eu/environment/soil/public_events_en.htm

LUCAS Soil Component: proposal for analysing new physical, chemical and biological soil parameters

Currently, the European Commission is working on the organization of the upcoming LUCAS Soil Survey (2018). This technical report is a proposal for analysing new physical, chemical and biological soil parameters within the forthcoming LUCAS Soil Surveys. Soil biodiversity is a key parameter that needs to be added to the LUCAS Soil Surveys, due to the contribution of the soil biological community to soil functions such as food and biomass production, genetic pool for developing novel pharmaceuticals, and climate regulation. Among physical properties, bulk density is necessary to assess soil compaction and to estimate soil organic carbon stock in the EU. Field measurements such as signs of soil erosion and thickness of organic layer in Histosols is also important to assess two critical soil degradation processes in the EU: soil erosion and organic carbon decline due to land use changes and land take of Histosols. Finally, it would be interesting to organize a survey of soil profiles to collect information that will help to understand soil-forming processes and to evaluate soil ability for carbon sequestration, nutrient cycling, water storage and contaminant filtering.



http://esdac.jrc.ec.europa.eu/images/Doc_Pub/ESDB_Archive/eusoils_docs/other/EUR28038.pdf

Land and Soil Management Award 2016/17

The prize rewards land use and soil management practices mitigating soil threats i.e. soil erosion, reduction of organic matter content, diffuse contamination, and compaction as well as the reduction of soil biodiversity, salinization, sealing, flooding and landslides. In doing so, the award sheds light on outstanding achievements, encouraging new concepts of land and soil protection and their implementation in land management, as well as enhancing awareness about the importance of land and soil functions. **Deadline:** 31.12.2016



<http://esdac.jrc.ec.europa.eu/calls>

2nd International Tea Bag Index Workshop, 1.3.2017, Vienna

The purpose of the 2nd International Tea Bag Index workshop is to improve the understanding and application of the Tea Bag Index (TBI) in ecological studies and to build a TBI community for advanced data generation, method development and knowledge exchange. The Tea Bag Index (TBI) is a standardized method to measure organic matter decomposition rates in soil. It is a simple and cheap method to measure decay rate of plant material by using tea, as a standardized material. The method consists of burying tea bags with green tea and rooibos, and digging them up ca. three months later. Call for abstracts is open 15.9-15.12.2016. Registration will be open 15.12.2016 - 15.2.2017



<http://esdac.jrc.ec.europa.eu/event/2nd-international-tea-bag-index-workshop>

More Details

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

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