

[EU Soil Observatory Stakeholders Forum](#): 19-21 October 2021

The Joint Research Centre (JRC) is organising the first ever EUSO Stakeholders Forum. This three-day event (built on six, focused, half-day sessions) will reflect the challenges facing soil within the various strategies of the Green Deal (e.g. the Soil, Biodiversity and Farm2Fork strategies, Zero Pollution Action Plan) and Horizon Europe's proposed Mission on Soil Health and Food. In addition to a high-level panel on recent soil-related policy developments, the meeting will establish a series of dedicated Working Groups to address burning scientific and policy questions (e.g. soil monitoring, citizen engagement and increased soil literacy, soil pollution, erosion and biodiversity). Participants will be encouraged to engage in discussions and possibly to contribute to the Working Group.

<https://ec.europa.eu/jrc/en/event/other-event/euso-stakeholders-forum>



[First Young Soil Researchers Forum](#): 21 October 2021

We plan a 2.5-hours meeting with parallel sessions (up to six) targeting specific themes with 10 presentations (8 min + 2 min questions) and 30-minutes final discussion. Session themes will be assigned based on abstract submissions. All aspects of soil research are welcome (soil biodiversity, erosion, pollution, nutrients, urban soils, compaction, etc.). **Are you a PhD student or finished your PhD no longer than 3 years ago?** We want you to present your soil research at the Young Soil Researchers Forum! This call is open to young scientists from all over the world, with a special focus on soil research carried out in Europe. Call for abstracts opening: 15 July 2021. Deadline for submission: 10 September 2021. All abstracts will be published in a dedicated Joint Research Centre report.

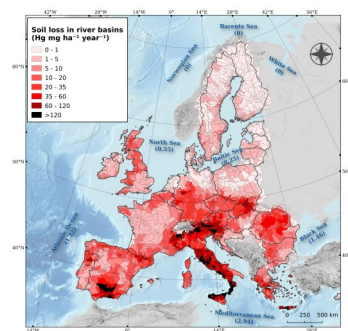
<https://ec.europa.eu/jrc/en/euso/euso-stakeholders-forum/first-euso-stakeholders-forum-young-soil-researchers-forum>



[Mercury stocks and fluxes to river-basins and sea outlets](#)

JRC scientists modelled the Hg pool in EU topsoils, which totals about 44.8 Gg, with an average density of 103 g ha⁻¹. As a following step, we coupled the estimated Hg stocks in topsoil with the pan-European assessment of soil loss due to water erosion and sediment distribution. In the European Union and UK, we estimated that about 43 Mg Hg yr⁻¹ are displaced by water erosion and c.a. 6 Mg Hg yr⁻¹ are transferred with sediments to river basins and eventually released to coastal Oceans. The Mediterranean Sea receives almost half (2.94 Mg yr⁻¹) of the Hg fluxes to coastal oceans and it records the highest quantity of Hg sediment. This [publication](#) couples soil diffuse contamination of an emerging pollutant (mercury) with sediment distribution models at continental scale. This work contributes to new knowledge in support of the policy development in the EU on the Zero Pollution Action Plan and the Sustainable Development Goal (SDGs) 3.9 and 14.1. Data are available:

<https://esdac.jrc.ec.europa.eu/content/mercury-content-european-union-topsoil>



[PhD position](#) in "Sustainable peatland management by mapping, monitoring & modelling the Carbon cycle"

Within the Collaborative Doctoral Partnership, JRC and ETHZ are looking for a PhD candidate to improve the mapping of organic soils in EU, model Greenhouse gas (GHG) emissions from peatlands and assess policy scenarios for sustainable peatlands management. The PhD candidate will be hosted for a period of 2-years in ETHZ and 2-years in JRC. The overall PhD project is relevant to EU policies such as the CAP, LU-LUCF, Biodiversity Strategy 2030, carbon farming and Soil Thematic Strategy. **Deadline 16.8.2021**

https://www.jobs.ethz.ch/job/view/JOPG_ethz_CnG4ZFZHllhdJmuoLT



More Details

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