



Workshop on soil erosion for Europe – Emerging challenges

Call for presentations

20-22 June 2022, (WEBEX - Online)

***Moderator:** Panos Panagos, European Commission Joint Research Centre*

***Rapporteur:** Diana Vieira, European Commission Joint Research Centre*

Scope: Exploring the role of soil erosion in relation to land degradation, climate change, food security

The EUSO Soil Erosion Working Group (WG) organizes a workshop split in the following sessions:

1. **Sediments** (including monitoring network). Chair: Nejc Bezak (Nejc.Bezak@fgg.uni-lj.si)
2. **Farm/Field scale modelling.** Chair: Marcella Biddoccu (marcella.biddoccu@stems.cnr.it)
3. **Erosion mitigation & management practices.** Chair: Artemi Cerda (artemio.cerda@uv.es)
4. **Soil organic carbon and erosion** integration. Chair: Negrel Philippe (p.negrel@brgm.fr)
5. **Food security, nutrient losses** with erosion. Chair: Christine Alewell (christine.alewell@unibas.ch)
6. **Large scale modelling.** Chair: Pasquale Borrelli (pasquale.borrelli@unipv.it)
7. **Early Career Research on Soil Erosion.** Chair: Daniel Evans (Daniel.L.Evans@cranfield.ac.uk)
8. **Landslides and soil erosion.** Chair: Nikolaos Tavoularis (ntavoularis@metal.ntua.gr)
9. **Climate change and soil erosion.** Chair: Joris Eekhout (jeekhout@cebas.csic.es)

Overall co-ordination: Diana Vieira (Diana.SIMOES-VIEIRA@ec.europa.eu)

We are looking for presentations for this workshop. If you are interested to present your work, please send your proposal with a **tentative title** (and 5-10 lines of abstract) **to one of the nine Session Chairs** (in cc Diana Vieira). Based on the number of proposals, sessions may be merged, extended or changed.

Deadline for proposals: 29.5.2022

Participation is **free and open** (registration details will follow)

The workshop will mainly discuss issues regarding the eight mentioned topics which are of interest for this WG on “Soil erosion in relation to land degradation, climate change, food security”. The outputs of the workshop will be either proceedings or a journal Special issue, together with a policy brief.

The WG on Soil Erosion currently includes 52 members. The WG may be renewed/updated in October 2022. This WG is formed in on the basis of past meetings of soil erosion modellers at JRC Ispra (March 2017), Seoul (December 2017) and a Gully erosion workshop (March 2018). In addition, 67 scientists worldwide developed the first Global Applications of Soil Erosion Modelling Tracker (GASEMT).

The WG develops links between soil erosion and emerging issues such as climate change, food security and land degradation. The WG will propose modelling approaches that can respond to new developments in European policies: Post-2020 Common Agricultural Policy (CAP), New Soil Strategy for soils, Biodiversity Strategy, Farm to Fork and Zero Pollution Action Plan.