

Net erosion data and sediment transport at 25m (WaTEM / SEDEM)

This dataset includes a model estimation of the potential spatial displacement and transport of soil sediments due to water erosion at European scale. Long-term averages of annual soil loss and deposition rates were computed by means of the extensively tested spatially distributed WaTEM/SEDEM mode. Due to large number of requests to provide the 25m data resolution, we make them available in ESDAC. Details on how this dataset has been developed can be found in the relevant [publication](#)



<https://esdac.jrc.ec.europa.eu/themes/sediment-transport-using-watemsedem>

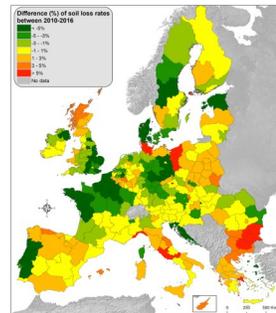
Vacancy in JRC/Soil team: Scientific Project Officer - Land and Soil Degradation Assessment

The position will support the implementation of the European Land and Soil Observatory through the development of an EU-wide land degradation and restoration assessment, reflecting the global approach adopted by the IPBES. This should include a detailed European Land Degradation map, an underpinning database and a detailed analysis of the land restoration potential in the EU. Candidates must possess an undergraduate degree in soil science, earth sciences, environmental sciences or agricultural sciences, together with at least 5 years Job-Related experience on modelling or geostatistical analysis of soil condition or land degradation processes. A post-graduate qualification in a related field, contributions to national-continental-global land or soil degradation assessments, experience of working with large spatial datasets (including EO data) or in the implementation of land or soil restoration techniques, would be an advantage. **Deadline:** 25.5.2020 Apply: <https://recruitment.jrc.ec.europa.eu/> (code 2020-IPR-D3-FGIV-014171)



Indicators on soil erosion

For non-GIS users, policy makers, advisors, students and other group of people, ESDAC provides the aggregated data on soil erosion: Agro-environmental Indicator - SDG Indicators, CAP Context Indicator, Wind erosion estimates, Global soil erosion estimates. Recently we estimated the soil erosion indicator (year: 2016) to support the performance of the Common Agricultural Policy (CAP) and the progress towards the Sustainable Development Goals (SDGs). More information in the [relevant publication](#). Our objective is to develop a kind of scoreboard for all the relevant datasets (Soil organic carbon, biodiversity, nutrients, soil properties, etc).



<https://esdac.jrc.ec.europa.eu/themes/indicators-soil-erosion>

Call for expressions of interest from HEIs/universities - Collaborative Doctoral Partnership programme (2020)

The Collaborative Doctoral Partnerships (CDP) is an initiative of the Joint Research Centre (JRC) to establish strategic collaborations with higher education institutions (HEIs/universities) that grant doctoral degrees (PhD). A HEI/university can apply to one or more [thematic fields](#) with several proposals. Doctoral studies under CDP are co-screened, co-hosted and co-supervised by selected HEI/universities and the JRC. Doctoral students have the opportunity to carry out part of their doctoral studies at the JRC. Deadline for application till 20.5.2020



<https://ec.europa.eu/jrc/en/working-with-us/collaborative-doctoral-partnerships/call-universities>

More Details

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

ESDAC Alerts are e-mailed to 10,800 scientists. Follow us [@EU_ScienceHub](#); [@Iultimoalbero](#); [@PanosPanagos33](#)