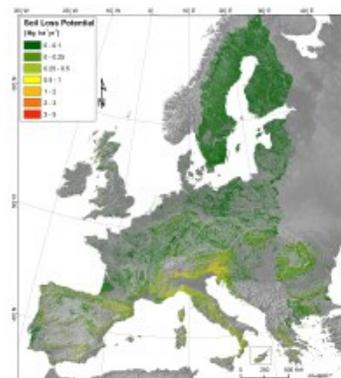


Erosion in forestland

This study provides first a pan-European analysis that delineates the spatial patterns of forest cover changes in Europe, and then makes a dynamic assessment of the soil loss potential in the EU-28 forests. A recently published High-resolution Global Forest Cover Loss map (2000–2012) was reprocessed and validated. Results show that the map is a powerful tool to spatiotemporally indicate the forest sectors that are exposed to cover change risks. An accuracy assessment is performed by using a confusion matrix based on 2300 reference forest disturbances distributed across Europe resulting in values of 55.1% producer accuracy. The derived maps provide spatially explicit indicators to assess the human-induced impacts of land cover changes and soil losses on the European soil-related forest ecosystems. The following datasets are available: Soil loss potential (by water erosion), Forest Cover Change (ha) and Forest Fires (ha):



<http://esdac.jrc.ec.europa.eu/content/erosion-forestland>

Common Agricultural Policy: Tackling soil loss across Europe (in NATURE)

Recent developments on soil erosion modelling at JRC have been published in a NATURE correspondence. The article indicates how the soil erosion continues to outstrip soil formation across the European Union. The European Union Common Agricultural Policy (CAP) is narrowing this gap. The intervention measures through CAP have reduced the rates of soil loss by water erosion in the European Union during the last decade, especially in the arable lands. The article has been published in collaboration with NERC, Centre of Ecology (UK):



<http://www.nature.com/nature/journal/v526/n7572/full/526195d.html>

EUROSOIL 2016 (17–22 July 2016, Istanbul, Turkey)

The EUROSOIL 2016 Conference will be a unique opportunity to all participants (including young soil scientists, researchers, technical and Professional operators, company representatives and policy makers) to share their projects, scientific experiences, innovations and ideas about soil science. Submission of abstracts is getting close (15 **November 2015**). The Conference organisers are open to receive suggestions about timely topics in soil science that could be included in the Scientific programme. JRC is organizing 5 sessions: Soil Erosion modelling and climate change—policy scenarios, Progresses toward the GlobalSoilMap, Distribution of soil biodiversity and related ecosystem services, Extension of the European Soil Database in the Mediterranean and Caucasus Countries and Soil awareness activities.



<http://www.eurosoil2016istanbul.org/>

Vacancies

16 Vacancies (related to Environment/Soil) are published in the European Soil Data Centre:

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



More Details

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

ESDAC Alerts are e-mailed to more than 6150 scientists. Please forward the ESDAC Alerts to your colleagues.