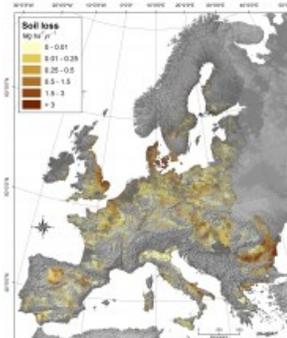


Wind Erosion quantitative assessment

A GIS version of the Revised Wind Erosion Equation (RWEQ) was developed in JRC to model wind erosion at large scale. The RWEQ was developed to i) move a step forward into the large-scale wind erosion modelling, ii) evaluate the soil loss potential due to wind erosion in the arable land of the EU, and iii) provide a tool useful to support field-based observations of wind erosion. The model was designed to predict the daily soil loss potential at a ca. 1 km² spatial resolution. The average annual soil loss predicted by GIS-RWEQ in the EU arable land totalled 0.53 Mg ha⁻¹ yr⁻¹. Cross-validation shows a high consistency with local measurements reported in literature. The Revised Wind Erosion Equation (RWEQ) quantitative assessment (2001-2010) is available for download (together with the relevant datasets on Wind-erodible fraction) and Index of Land Susceptibility to wind erosion):



http://esdac.jrc.ec.europa.eu/content/Soil_erosion_by_wind

Trainee in soil contamination plus other soil-related vacancies

The Land Resources Unit is looking for a highly motivated trainee to support its work in reviewing the existing soil policy tools and methodology used in EU Member States to restore contaminated soils. This activity builds on the information made available in a Wiki platform with input from EU member countries. The objective of the project is to contribute to achieve that "by 2020 land is managed sustainably in the Union, soil is adequately protected and the remediation of contaminated sites is well underway" as stated in the 7th Environment Action Programme. Application **deadline:** 14/11/2016— Location: Ispra, Italy



More vacancies announced in ESDAC: <http://esdac.jrc.ec.europa.eu/vacancies>

Soil Erosion modelling workshop, Ispra (Italy) 20-22 March 2017

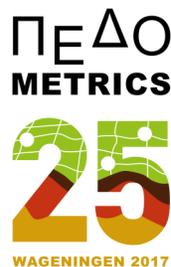
This workshop will discuss mainly issues how the local and regional modeling results can be up-scaled (or applied) at European scale. The workshop will try to focus on how various project or local/regional modelling applications can improve the "know-how" at European scale. Scientists dealing at small scale are invited to present the possibilities and limitations of upscaling their results. Scientists operating at large scale should think how to validate their modelling/ mapping with small scale data. Emphasis will also be given to management practices that can reduce soil erosion. Workshop financial support includes accommodation, transfer from/to the airport, transfer between JRC and hotel, lunch/coffee, etc. Details on the logistics and the proposed agenda are in the page:



<http://esdac.jrc.ec.europa.eu/themes/erosion-modelling-workshop>

Pedometrics 2017 conference announcement

From 26 June to 1 July 2017 the 25th anniversary of Pedometrics will be celebrated in Wageningen, the Netherlands. Pedometrics is a branch of soil science dedicated to the application of mathematical and statistical methods for the study of the distribution and genesis of soils. Abstract submissions are now open for conference topics ranging from 'big data, data mining and machine learning for soil science' to 'proximal soil sensing'. The organisers are also calling for submission of proposals for pre-conference workshops. Pedometrics 2017 is organised by the Pedometrics Commission of the International Union of Soil Science and its Working Groups: Stay up to date at <http://www.pedometrics2017.org/> or contact info@pedometrics2017 with specific questions, suggestions or requests.



More Details

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

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