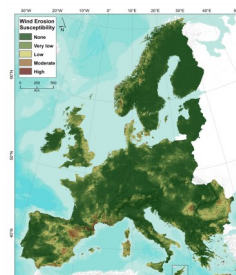


Wind erosion data

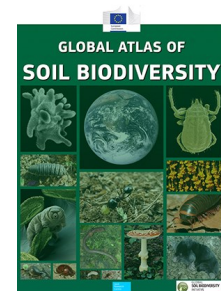
Understanding spatial and temporal patterns in land susceptibility to wind erosion is essential to design effective management strategies to control land degradation. The knowledge about land susceptible to wind erosion in European context shows significant to research gaps. With respect to this gaps, the JRC Soil group started a new series of studies at Pan-European scale to assess: a) An **Index of Land Susceptibility to Wind Erosion (ILSWE)**, created by combining spatiotemporal variations of the most influential wind erosion factors (i.e. climatic erosivity, soil erodibility, vegetation cover and landscape roughness); b) The **wind-erodible fraction of soil (EF)**, one of the key parameters for estimating the susceptibility of soil to wind erosion. Datasets at 500m resolution are made available.



<http://eusoils.jrc.ec.europa.eu/library/themes/erosion/winderosion/>

Atlas of Global Soil Biodiversity

The JRC of European Commission and the Global Soil Biodiversity Initiative are pleased to announce that the first Global Soil Biodiversity Atlas is in the process of editing. Soil biodiversity experts from all over the world are involved in this project, which aims to create an informative and easy to read reference publication for the public, teachers, soil biodiversity researchers and policy makers. The Global Soil Biodiversity Atlas will be released in 2015, the International Year of Soil.



http://eusoils.jrc.ec.europa.eu/library/maps/GlobalBiodiversity_atlas/index.html

Land and Soil Management Award 2014-2015

The Award was created four years ago by the European Landowners' Organization (ELO) under the auspices of the European Commission (DG Environment and the Joint Research Centre) to encourage new concepts of land and soil protection and their implementation in land management as well as to enhance awareness about the importance of land and soil functions. This prize aims to reward professionals working in the area of land use and soil management pursuing the EU's soil protection goals, including those of the Common Agriculture Policy and of the Soil Thematic Strategy. Deadline for applications: 30 November 2014. <http://www.europeanlandowners.org/awards/soil-land-award>



20 peer-review publications from the JRC SOIL group in 2013

The SOIL team published 20 peer reviewed publications during 2013 in various journals such as Global Change Biology, PLOS, Ecological Indicators, Science of Total Environment, Vadose, Journal of Environmental and Public Health, Landslides, Integrated Environmental Assessment and Management, Ecological Research, etc. These publications cover various subjects such as soil organic carbon modelling / assessment, soil contamination, heavy metals, LUCAS dataset, Biodiversity, pedo-transfer functions, economic evaluation of maps, Landslides, Critical Zone Observatories, soil functions, ecosystem services, digital soil mapping and biochar.



http://eusoils.jrc.ec.europa.eu/ESDB_Archive/eusoils_docs/doc_pub.html

More Details

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