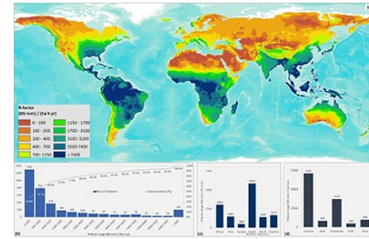


Global Rainfall Erosivity

JRC has collected data on rainfall erosivity from 3,625 meteorological stations in 63 countries to establish the first ever Global Rainfall Erosivity Database (**GloREDa**). Quantifying rainfall erosivity is challenging as it requires high temporal resolution (1-60 minutes) and high fidelity rainfall recordings. In collaboration with 31 scientists and 100+ organizations, JRC has developed the global erosivity map which was published in Nature Group's [Scientific Reports](#). The highest rainfall erosivity is found in South America (especially around the Amazon Basin) and the Caribbean countries, Central Africa and parts of Western Africa and South East Asia. The lowest values are in mid- and high-latitude regions such as Canada, the Russian Federation, northern Europe, northern Africa, the Middle East and southern Australia. The R-factor map at 30 arc-sec resolution is available for free download in the ESDAC:



<http://esdac.jrc.ec.europa.eu/content/global-rainfall-erosivity>

Global assessment of pressures on soil biodiversity

The JRC's Soil Team is working on the first global assessment of the impacts on soil biodiversity of both anthropogenic and non-anthropogenic pressures. To reach this goal, JRC carries out a **survey** to incorporate expert judgements. The result of this survey will allow to rank the main pressures on soil life and map their distribution at the global scale. Responses to the survey are essential for determining how to weigh each pressure in the cumulative impact maps that will be produced. Therefore, your participation in this process is highly appreciated. Contact person: Alberto Orgiazzi (alberto.orgiazzi@ec.europa.eu).



Here is the link to the survey: <https://goo.gl/forms/F2MZb4hNUNGx4mCt1>

Vacancies (Trainees and other)

The JRC Soil project has published 2 vacancies: Trainee in "[Sino-EU Panel on Land and Soil \(SEPLS\)](#)" (deadline: 14.8.17) and trainee in "[Available tools for assessing diffuse soil pollution in Europe](#)" (deadline: 4.9.17). Applications for those vacancies can be made through the JRC recruitment page: <http://recruitment.jrc.ec.europa.eu/>. More vacancies are listed in ESDAC:



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

2nd Global Soil Biodiversity Conference

The China Soil Microbiome Initiative (CSMI) and Global Soil Biodiversity Initiative (GSBI) are pleased to announce the second Global Soil Biodiversity Conference (GSBC2) that will be held from 15-19 October 2017 in Nanjing, China. Currently there are 15 concurrent sessions that welcome abstract submission for oral or poster presentations. JRC Soil team is chairing and presenting in the session "**CS07 Biodiversity & ecosystem functioning**":



<http://gsbc2.csp.escience.cn/>

More Details

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

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