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Temporary Dataset Download: Global rainfall erosivity projections for 2050 and 2070

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Purpose	This study focuses on the ecological protection and sustainable management of the Qijiang River Basin. The core data is used to: support the soil conservation module of the InVEST model by extracting parameters such as topography, soil, and vegetation to quantify soil erosion risk and conservation function; ensure the hydrological simulation of the SWAT model by integrating meteorological and hydrological data to complete parameter calibration and accurately simulate watershed hydrological processes and water quality changes; and integrate multi-source and predictive data to assess the evolution of ecosystem services under different scenarios, providing scientific support for watershed ecological governance and decision-making.
Notes	

Notifications:

1. The data provided has been prepared for use by internal research activities in the Joint Research Centre (JRC) Ispra in collaboration with external partners who work to further elaborate the Global Rainfall Erosivity Database (GloREDa).
2. The data are the result of JRC research activities and are primarily made available for further research. The JRC does not accept any liability whatsoever for any error, missing data or omission in the data, or for any loss or damage arising from its use. The JRC agrees to provide the data free of charge but is not bound to justify the content and values contained in the databases.
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    - make proper reference to the source of the data when disseminating the results to which this agreement relates;
    - Participate in the verification of the data (e.g. by noting and reporting any errors or omissions discovered to the JRC).

References:

Panagos, P., Borrelli, P., Matthews, F., Liakos, L., Bezak, N., Diodato, N. and Ballabio, C., 2022. Global rainfall erosivity projections for 2050 and 2070. Journal of Hydrology, 610, Art.no.127865.DOI: 10.1016/j.jhydrol.2022.127865