

Temporary Dataset Download: Soil Erodibility (K- Factor) High Resolution dataset for Europe

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Type of Organization	Research Organization
-- Other	
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Purpose	Research project about ecosystemical services on the lower Seine basin, need data about R factor for calculating Sediment Delivery Ratio
Notes	

Notifications:

1. The data provided has been prepared for use by internal research activities in the EU Soil Observatory, JRC Ispra.
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 - a) Make proper reference to the source of the data when disseminating the results to which this agreement relates;
 - b) Participate in the verification of the data (e.g. by noting and reporting any errors or omissions discovered to the JRC).

References:

1. Panagos, P., Meusburger, K., Ballabio, C., Borrelli, P., Alewell, C. Soil erodibility in Europe: A high-resolution dataset based on LUCAS, Science of Total Environment, 479-480 (2014) pp. 189-200
2. Panagos, P., Meusburger, K., Alewell, C., Montanarella, L. Soil erodibility estimation using LUCAS point survey data of Europe, Environmental Modelling & Software, Volume 30, April 2012, Pages 143-145, doi:10.1016/j.envsoft.2011.11.002
3. Shirzadi, A., Shahabi, H., Rahimzad, M., Salvati, A., Jaafari, A., Kress, V. and Panagos, P., 2025. Novel Deep Learning Algorithm in Soil Erodibility Factor Predicting at a Continental Scale. International Soil and Water Conservation Research. DOI: 10.1016/j.iswcr.2025.09.008