

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

ID	131848
Date - Time	Fri, 07/31/2026 - 12:34
Name of User	Teodor Dumitru
Organization	Ramboll
Type of Organization	Private Company
-- Other	
E-mail	tdumitru@ramboll.com
Purpose	Soil degradation spatial analysis in Romania using GIS data for a project.
Notes	

Notifications:

1. The data provided has been prepared for use by internal research activities in the EU Soil Observatory, JRC Ispra.
2. 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.
3. The permission to use the data specified above is granted on condition that, under NO CIRCUMSTANCES are these data passed to third parties. They can be used for any purpose, including commercial gain.
4. The user agrees to:
 - 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