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Temporary Dataset Download: Soil erosion by water (RUSLE2015)

ID	135409
Date - Time	Wed, 10/28/2026 - 18:17
Name of User	Tarus Team
Organization	Misterios Ltd (Tarus)
Type of Organization	Private Company
-- Other	
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Purpose	Tarus (tarus.app) is a land-parcel mapping and surveying application. We would like to display the RUSLE2015 soil loss map as a rendered map layer (image tiles only) and show the estimated soil loss rate for a selected land parcel in our parcel report, with full attribution to ESDAC / JRC and Panagos et al. 2015. The data file itself will not be passed to third parties.
Notes	

Notifications:

1. The data provided has been prepared for use by internal research activities in the Joint Research Centre (JRC) in the context of developing the new Soil Loss Map by water erosion of Europe .
2. The data were developed for research purposes of the JRC (European Commission). 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).

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References:

1. Panagos, P., Borrelli, P., Poesen, J., Ballabio, C., Lugato, E., Meusburger, K., Montanarella, L., Alewell, .C. 2015. The new assessment of soil loss by water erosion in Europe. *Environmental Science & Policy*. **54**: 438-447. DOI: 10.1016/j.envsci.2015.08.012
2. Panagos, P., Ballabio, C., Poesen, J., Lugato, E., Scarpa, S., Montanarella, L., Borrelli, P. 2020. A Soil Erosion Indicator for Supporting Agricultural, Environmental and Climate Policies in the European Union. *Remote Sensing*. **12**: 1365. DOI: 10.3390/rs12091365
3. Panagos, P., Borrelli, P., Robinson, D.A. Common Agricultural Policy: Tackling soil loss across Europe. *Nature* **526**, 195 (07 October 2015), doi:10.1038/526195d
4. Panagos, P., Borrelli, P., Meusburger, C., Alewell, C., Lugato, E., Montanarella, L., 2015.

Estimating the soil erosion cover-management factor at European scale. *Land Use policy* **48C**: 38-50

5. Panagos, P., Borrelli, P., Meusburger, K., van der Zanden, E.H., Poesen, J., Alewell, C. 2015. Modelling the effect of support practices (P-factor) on the reduction of soil erosion by water at European Scale. En*vironmental Science & Policy* **51**: 23-34
6. Panagos, P., Ballabio, C., Borrelli, P., Meusburger, K., Klik, A., Rousseva, S., Tadic, M.P., Michaelides, S., Hrabalíková, M., Olsen, P., Aalto, J., Lakatos, M., Rymszewicz, A., Dumitrescu, A., Beguería, S., Alewell, C. Rainfall erosivity in Europe. *Sci Total Environ.* **511** : 801-814.
7. Panagos, P., Borrelli, P., Meusburger, K. 2015. A New European Slope Length and Steepness Factor (LS-Factor) for Modeling Soil Erosion by Water. *Geosciences*, **5**: 117-126
8. Panagos, P., Meusburger, K., Ballabio, C., Borrelli, P., Alewell, C. (2014) Soil erodibility in Europe: A high-resolution dataset based on LUCAS. *Science of Total Environment*, **479-480**: 189–200

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