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Temporary Dataset Download: Soil erosion by wind

ID	131861
Date - Time	Fri, 07/31/2026 - 21:43
Name of User	Tina Lešnik
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Type of Organization	Research Organization
-- Other	
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Purpose	The requested datasets will be used to assess wind erosion susceptibility in agricultural landscapes, identify priority areas for windbreak establishment, evaluate hedgerow protection, and support spatial and economic analyses of mitigation measures.
Notes	

Notifications:

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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. Borrelli, P., Lugato, E., Montanarella, L., Panagos, P. (2016). A New Assessment of Soil Loss Due to Wind Erosion in European Agricultural Soils Using a Quantitative Spatially Distributed Modelling Approach. *Land Degradation & Development*, in Press, DOI: 10.1002/ldr.2588
2. Borrelli, P., Panagos, P., Ballabio, C., Lugato, E., Weynants, M. Montanarella, L 2016. Towards a pan-European assessment of land susceptibility to wind erosion. Land Degradation & Development,27(4): 1093-1105, DOI: 10.1002/ldr.2318.
3. Borrelli, P., Panagos, P., Montanarella, L. 2015. New Insights into the Geography and Modelling of Wind Erosion in the European Agricultural Land. Application of a Spatially Explicit Indicator of Land Susceptibility to Wind Erosion. Sustainability 2015, 7(7), 8823-8836; doi:10.3390/su7078823
4. Borrelli, P., Ballabio, C., Panagos, P., Montanarella, L. (2014). Wind erosion susceptibility of European soils. Geoderma, 232, 471-478