

Temporary Dataset Download: European Soil Database v2 Raster Library 1kmx1km

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Date - Time	Sun, 01/11/2026 - 20:24
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Purpose	The requested dataset will be used for academic research within a Master's thesis focused on developing and evaluating advanced Deep Learning models for soil pollution assessment. The data will support spatial analysis, model training, validation, and comparative evaluation of machine learning and deep learning approaches for environmental monitoring purposes.
Notes	

Notifications:

1. The data have been prepared for use by the EU Soil Observatory (EUSO) of the Joint Research Centre (JRC) of the European Commission.
2. The ESDB data were developed in collaboration with the European Soil Bureau Network, which holds a joint copyright to the data with the European Commission. The JRC, on behalf of the Commission, and the European Soil Bureau Network, do not accept any liability whatsoever for any error, missing data or omissions in the data, or for any loss or damage arising from its use. The DG JRC, on behalf of the Commission, agrees to provide the data free of charge but is not bound to justify the content and values contained in the databases.
3. 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., Van Liedekerke, M., Borrelli, P., Köninger, J., Ballabio, C., Orgiazzi, A., Lugato, E., Liakos, L., Hervas, J., Jones, A. Montanarella, L. 2022. [European Soil Data Centre 2.0: Soil data and knowledge in support of the EU policies](#). European Journal of Soil Science, 73(6), e13315. DOI: 10.1111/ejss.13315
2. Panagos Panos. The European soil database (2006) GEO: connexion, 5 (7), pp. 32-33.
3. ESDBv2 Raster Library - a set of rasters derived from the European Soil Database distribution v2.0 (published by the European Commission and the European Soil Bureau Network, CD-ROM, EUR 19945 EN); Marc Van Liedekerke, Arwyn Jones, Panos Panagos ; 2006.