21-June-2026 02:06:51

Temporary Dataset Download: 3D Soil Hydraulic Database of Europe at 1 km and 250 m resolution

ID	130299
Date - Time	Thu, 06/18/2026 - 09:51
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Type of Organization	Research Organization
-- Other	
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Purpose	Scientific research on agricultural water management. The dataset will be compared with ISRIC SoilGrids and Catalan soil datasets to evaluate soil hydraulic properties and improve irrigation requirement estimates using satellite remote sensing. Results may contribute to a scientific publication.
Notes	

Notifications:

1. The data are made available for any activity even commercial.
2. The data provided has been prepared for use partly by the ex - Land Resource Management Unit (Institute for Environment & Sustainability, JRC Ispra).
3. 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.
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5. The user agrees to:
    - Make proper reference to the source of the data when disseminating the results to which this agreement relates;
    - Participate in the verification of the data (e.g. by noting and reporting any errors or omissions discovered to the JRC).

References:

Brigitta Tóth, Melanie Weynants, László Pásztor and Tomislav Hengl, "***3D soil hydraulic database of Europe at 250 m resolution***", in Hydrological Processes, John Wiley & Sons Ltd, Vol.31 Issue 14, 1 July 2017, Pages 2497–2666 (pages 2662–2666); DOI: 10.1002/hyp.11203; http://onlinelibrary.wiley.com/doi/10.1002/hyp.11203/full