Temporary Dataset Download: Soil Organic Matter (SOM) fractions

ID	135283
Date - Time	Mon, 10/26/2026 - 15:42
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Purpose	The data will be used for research, analysis, and development of digital tools supporting soil monitoring, agricultural management, and environmental sustainability, in accordance with the applicable licence conditions.
Notes	

Notifications:

1. The data provided has been prepared for use by internal research activities in the Joint Research Centre (JRC, Ispra) in the research of soil organic matter fraction.
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.
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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).

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References:

Lugato, E., Lavallee, J.M., Haddix, M.L., Panagos, P., Cotrufo, F. 2021. Different climate sensitivity of particulate and mineral-associated soil organic matter. Nat. Geosci. (2021). https://doi.org/10.1038/s41561-021-00744-x

Cotrufo, M.F., Ranalli, M.G., Haddix, M.L. et al. 2019. Soil carbon storage informed by particulate and mineral-associated organic matter. Nat. Geosci. doi:10.1038/s41561-019-0484-6