

Temporary Dataset Download: Soil organic carbon losses with lateral transfer to the oceans

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Purpose	Academic, non-commercial research on spatially robust machine learning for soil organic carbon lateral transfer in Europe. We will evaluate geographic generalization and safe adaptation methods. The data will not be redistributed and will be cited according to its licence.
Notes	

Notifications:

1. The data provided has been prepared for use by internal research activities in the Joint Research Centre (JRC) Ispra in collaboration with the Laboratoire des Sciences du Climat et de l'Environnement (LSCE), INRAE, Paris-Saclay University. This work has been done in the context of the Collaborative Doctoral Partnership between JRC and LSCE and contributes to the objectives of the EU Soil Observatory addressing the soil erosion in relation to land degradation, climate change and food security.
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 - 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:

Fendrich, A.N., Philippe Ciais, Panagos, P., Martin, P., Carozzi, M., Bertrand Guenet, Emanuele Lugato, 2024. [Including land management in a European carbon model with lateral transfer to the oceans](https://doi.org/10.1016/j.envres.2023.118014). Environmental Research 245, 118014. <https://doi.org/10.1016/j.envres.2023.118014>