

Temporary Dataset Download: LUCAS 2018 TOPSOIL data

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Name of User	□□□
Organization	Hainan University
Type of Organization	University
-- Other	
E-mail	3474566471@qq.com
Purpose	I plan to use the LUCAS topsoil dataset for digital soil mapping across Europe. My research focuses on using machine learning algorithms to predict the spatial distribution of soil organic carbon and its relationship with land use changes.
Notes	

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Technical assistance concerning the use of the LUCAS data can be obtained from : ec-esdac@ec.europa.eu

References:

How to cite the data and associated report/scientific publications:

Fernandez-Ugalde, O; Scarpa, S; Orgiazzi, A.; Panagos, P.; Van Liedekerke, M; Marechal A. & Jones, A. [LUCAS 2018 Soil Module. Presentation of dataset and results](#), EUR 31144 EN, Publications Office of the European Union, Luxembourg. 2022, ISBN 978-92-76-54832-4, doi:10.2760/215013, JRC129926

[Scientific publication](#) describing the LUCAS survey as a whole.

Orgiazzi, A., Ballabio, C., Panagos, P., Jones, A., Fernández-Ugalde, O. 2018. **LUCAS Soil, the largest expandable soil dataset for Europe: A review**. *European Journal of Soil Science*, 69(1): 140-153. <https://doi.org/10.1111/ejss.12499>