

Temporary Dataset Download: LUCAS 2018 TOPSOIL data

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Name of User	ChaotangLei
Organization	South China Botanical Garden, Chinese Academy of Sciences
Type of Organization	Research Organization
-- Other	
E-mail	chaotanglei@scbg.ac.cn
Purpose	I am currently conducting a global study on pesticide-degrading microorganisms and their degradation genes. Access to these data will further strengthen the robustness and reliability of my research. The data will be used exclusively for academic research to investigate the genomic basis, evolutionary characteristics, degradation mechanisms of pesticide-degrading microorganisms, and their associations with pesticide contamination across field sampling sites. I hereby commit that the requested data will be used solely by the applicant in accordance with all applicable data-use policies and will not be shared with unauthorized third parties. The data will be used exclusively for non-commercial academic research and will not be employed for any commercial purposes.
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>