

Temporary Dataset Download: Soil biodiversity - DNA Bacteria and Fungi

ID	133399
Date - Time	Mon, 09/14/2026 - 10:17
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	

Notifications:

1. The data provided has been prepared for use by internal research activities in the Joint Research Centre (JRC) Ispra in collaboration with University of Zurich and University of Tartu . In addition, other research organisations have participated in this research: Agroscope Reckenholz, Swedish University of Agricultural Sciences, Uppsala (SE), MWSchmid GmbH (CH). The research activities support the LUCAS soil campaign. The LUCAS Soil sample collection is supported by the Directorate-General Environment (DG-ENV), Directorate-General Agriculture and Rural Development (DG-AGRI) and Directorate-General Climate Action (DG-CLIMA) of the European Commission.
2. The data are the result of JRC research activities and are primarily made available for further research. 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.
3. The permission to use the data specified above is granted on condition that, under NO CIRCUMSTANCES are these data passed to third parties. They can be used for any purpose, including commercial gain.
4. In case the data are used for EU assessments, you are kindly request to inform the JRC.
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:

Labouyrie, M., Ballabio, C., Romero, F., Panagos, P., Jones, A., Schmid, M., Mikryukov, V., Dulya, O., Tedersoo, L., Bahram, M., Lugato, E., van der Heijden, M.G.A., Orgiazzi, A. 2023. [Patterns in soil microbial diversity across Europe](#). *Nature Communications*. **14**, Article number: 3311, doi: 10.1038/s41467-023-37937-4