

Temporary Dataset Download: LUCAS Topsoil data for the Western Balkans

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Purpose	Soil data for reanalysis for Task 2 of Use Case 2 in the FAIRagro project, which aims to provide processed data for users.
Notes	

Notifications:

- The data provided has been prepared for use by internal research activities of the Joint Research Centre (JRC).
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- 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).

References:

The documentation associated with the data is available from the following two reports:

- report describing the 2015 dataset for the Western Balkans:

Arias-Navarro, C., Vidojević, D., Zdruli, P., Islamaj, B., Scarpa, S. et al., LUCAS Topsoil Survey for the Western Balkans - Presentation of the dataset and results, Publications Office of the European Union, Luxembourg, 2026, <https://data.europa.eu/doi/10.2760/9105095>, JRC142550.

- report presenting reference ancillary data:

Arias-Navarro, C., Vidojević, D., Zdruli, P., Yunta Mezquita, F., Jones, A. and Wojda, P., LUCAS Soil 2015 in the Western Balkans: Overview and analysis of ancillary data, Publications Office of the European Union, Luxembourg, 2024, <https://data.europa.eu/doi/10.2760/071913>, JRC138305

- [report](#) describing the 2015 dataset for the EU:

Jones, A, Fernandez-Ugalde, O., Scarpa, S. LUCAS 2015 Topsoil Survey. Presentation of dataset and results, EUR 30332 EN, Publications Office of the European Union: Luxembourg. 2020, ISBN 978-92-76-21080-1, doi:10.2760/616084, JRC121325

- [Scientific publication](#) describing the LUCAS topsoil database for the Western Balkans, presenting its relevance for soil research, evidence-based policy and sustainable soil management. The supplementary information ([SI](#)) provides a comprehensive overview of the statistics of soil properties in various climate zones, land cover types, and countries:

Arias-Navarro, C., Vidojevic, D., Zdruli, P., Islamaj, B., Scarpa, S., Yunta-Mezquita, F., Wojda, P. & Jones, A. 2026. Assessing Soil Resources in the Western Balkans: Insights From the LUCAS Soil Survey. European Journal of Soil Science, 77, 1-20 <https://doi.org/10.1111/ejss.70379>

- [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>