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Temporary Dataset Download: Maps of Soil Chemical properties at European scale based on LUCAS 2009/2012 topsoil data

ID	135384
Date - Time	Wed, 10/28/2026 - 11:58
Name of User	Undine Schoellkopf
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Type of Organization	Research Organization
-- Other	
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Purpose	Academic research for a PhD project at the State Museum of Natural History Stuttgart and the University of Hohenheim. I will extract soil values at the coordinates of vegetation plots of calcareous and siliceous grasslands in Central Europe and use them as explanatory variables in statistical models, to test whether trait differences between the two grassland types are explained by soil conditions. The data will not be passed to third parties and the source will be cited.
Notes	

ESDAC - JRC

Notifications:

1. The data provided has been prepared for use by internal research activities in the Joint Research Centre (JRC, Ispra) in the context of developing soil property maps for the GlobalSoilMap.net project and the FP7 programme RECARE (Grant No 603498).
2. The data were developed for research purposes of the JRC (European Commission). 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. 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:

Ballabio, C., Lugato, E., Fernández-Ugalde, O., Orgiazzi, A., Jones, A., Borrelli, P., Montanarella, L. and Panagos, P., 2019. Mapping LUCAS topsoil chemical properties at European scale using Gaussian process regression. *Geoderma*, **355**: 113912.