

Temporary Dataset Download: Projected SOC changes by 2070 under the RCP4.5 scenario

ID	130320
Date - Time	Thu, 06/18/2026 - 14:33
Name of User	Roxana Burbulea
Organization	University of Padova
Type of Organization	University
-- Other	
E-mail	roxana.burbulea@unipd.it
Purpose	I need access to LUCAS data on soil organic carbon (SOC) in the Veneto region to support the selection of sampling areas for my doctoral project. The data will allow me to identify representative sites and compare the SOC values I will collect with those already measured as part of LUCAS campaigns. This comparison will allow me to analyze temporal variations in SOC and contextualize the research results with respect to a consolidated reference dataset at regional and European scales.
Notes	

Notifications:

- The data provided has been prepared for use by internal research activities in the Joint Research Centre (JRC) Ispra. This work was done in collaboration of JRC with University of Galway, Ireland.
- 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.
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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:

Li, Y., Panagos, P., Mezquita, F.Y. and Zhang, C., 2025. [Warming could cause significant soil organic carbon loss around the southern Baltic Sea](#). *Journal of Environmental Management*, **391**: 126488.