Temporary Dataset Download: Soil Organic Carbon - Saturation Capacity in Europe

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Date - Time	Wed, 05/27/2026 - 10:14
Name of User	Sara Defraia
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Purpose	I am currently studying for a project called "ANALYSIS OF THE MULTIFUNCTIONAL ASPECTS OF THE MONTIFERRU OLIVE TREE AND OLIVE GROVES AND ASSESSMENT OF THE POTENTIAL FOR USE OF ALTERNATIVE PRODUCTION METHODS TO CLASSIC ONES" AS PART OF THE "OLIVI MONTIFERRU" PROJECT, with the aim of studying the ecological services of traditional olive growing systems and measuring and quantifying the environmental effects of olive ecosystems. In the field of studying the capacity of traditional olive growing systems to protect soil SOC, I would like to access the data available in this dataset to make assessments at the district scale.
Notes	

Notifications:

Notification:

1. The data are made available for any activity even commercial.
2. The data provided has been prepared for use by internal research activities in the Joint Reseach Centre (JRC Ispra).
3. 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.
4. 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.
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).

When making reference to the data/map:

- Lugato, E., Panagos, P., Bampa, F., Jones, A., Montanarella, L. 2014a. A new baseline of

organic carbon stock in European agricultural soils using a modelling approach. Global Change Biology, 20 (1), pp. 313-326.
- Lugato, E., Bampa, F., Panagos, P., Montanarella, L., Jones, A. 2014b. Potential carbon sequestration of European arable soils estimated by modelling a comprehensive set of management practices. Global Change Biology, 20 (11), pp. 3557-3567.