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[Temporary Dataset Download: LUCAS Heavy Metals](#)

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Date - Time	Fri, 05/15/2026 - 21:47
Name of User	João Martins
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-- Other	
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Purpose	I am an undergraduate Computer Science student currently working on my undergraduate thesis on soil heavy metal inversion using hyperspectral data, and I would like to request access to the dataset for academic and non-commercial research purposes.
Notes	

Notifications:

(26/01/2026)

The notification points below are the same as those for the LUCAS SOIL 2009/2012, 2015 and 2018 datasets distributed in ESDAC.

In essence, it is allowed to use the data for whatever purpose (commercial or not). It is **not** allowed to pass the data wholesale to third parties (as ESDAC likes to monitor the use of all its data). Proper reference/citation should be given to the data source when using the data for any publication.

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- a) Any results can be published once a proper aggregation process that prevents any individual body (private person, private organisation) from being identified has been applied,
 - b) Graphical representation of individual units on a map is permitted as far as the geographical location of the soil samples is not detectable.
6. The present licence is granted free of charge.
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 9. The European Union will be formally mentioned and fully acknowledged in, but not limited to, reports, articles, publications and presentations of work resulting from the use of the LUCAS_SOIL data as follows: "The LUCAS topsoil dataset used in this work was made available by the European Commission through the European Soil Data Centre managed by the Joint Research Centre (JRC), <http://esdac.jrc.ec.europa.eu/>".
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 19. The name LUCAS_SOIL of the data being created by the European Union, the Licencee shall not use the name of LUCAS_SOIL without prior written authorization of the JRC and shall not

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20. Personal data retrieved from the LUCAS_SOIL database shall be processed according to Regulation (EC) 45/2001 of the European Parliament and of the Council of 18 December 2000 on the protection of individuals with regard to the processing of personal data by the Community institutions and bodies and on the free movement of such data
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23. This Agreement shall be governed by and construed in accordance with Belgian law. Any dispute, controversy or claim arising out of or relating to this Licence shall be settled before the competent courts of Brussels.
24. The following Annexes form an intergral part of this License Agreement: ANNEX 1: Specification of LUCAS_SOIL Database
25. **THE LICENCEE ACKNOWLEDGES TO HAVE READ, UNDERSTOOD AND AGREED TO BE BOUND BY THE ABOVE-MENTIONED TERMS AND CONDITIONS OF THE CONTRACT**

Technical assistance concerning the use of the LUCAS data can be obtained from : ec-esdac@ec.europa.eu

References:

Orgiazzi, A., Ballabio, C., Panagos, P., Jones, A. and Fernández-Ugalde, O., 2018. [LUCAS Soil, the largest expandable soil dataset for Europe: a review](#). *European Journal of Soil Science*, **69(1)**: 140-153.

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