EEA geospatial data catalogue

Global Soil Organic Carbon Estimates in topsoil (5 arcmin), Mar. 2012

Global estimates of soil organic carbon stocks have been produced in the past to support the calculation of potential emissions of CO2 from the soil under scenarios of change land use /cover and climatic conditions (IPCC, 2006), but very few global estimates are presented as spatial data. For global spatial layers on soil parameters, the most recent and complete dataset is available as the Harmonized World Soil Database (HWSD). The HWSD represents a step forward towards a spatially more detailed and thematically more refined set of global soil data.

This dataset contains the organic carbon density (t ha-1) for the topsoil (0 – 30cm) from the amended HWSD.

This metadata record is adapted from the orginal one received from JRC.

Simple

Date (Creation)	2012-03-31
Citation identifier	jrc_r_4326_5_arcmin_org-c-top_2009

Point of contact

No information provided.

Point of contact

No information provided.

GEMET - INSPIRE themes, version 1.0	• Soil
GEMET	• soil • organic carbon
Keywords	
Keywords	
Spatial scope	• Global
EEA topics	• Soil
Use limitation	Notification regarding these data: The data provided has been prepared for use by internal research activities in the Land Resource Management Unit of the Institute for Environment & Sustainability, JRC Ispra. The data were developed for research purposes of the JRC only and not for any other activity. 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. All rights reserved. No part of this Harmonized World Soil Database may be reproduced, stored in a retrieval system or transmitted by any means for resale or other commercial purposes without written permission of the copyright holders. Reproduction and dissemination of material in this information product for educational or other noncommercial purposes are authorized without any prior written permission from the copyright holders provided the source is fully acknowledged. The permission to use the data specified above is granted on condition that, under NO CIRCUMSTANCES are these data passed to third parties. Moreover they must NOT be used in any way for commercial gain or for purposes other than those specified above 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). Reference of source (Citations) : R. Hiederer, M. Köchy 2012. Global Soil Organic Carbon Estimates and the Harmonized World Soil Database. EUR Scientific and Technical Research series – ISSN 1831-9424 (online), ISSN 1018-5593 (print), ISBN 978-92-79-23108-7, doi:10.2788/13267 Panagos P., Van Liedekerke M., Jones A., Montanarella L. European Soil Data Centre: Response to European policy support and public data requirements. (2012) Land Use Policy, 29 (2), pp. 329-338. doi:10.1016/j.landusepol.2011.07.003
Access constraints	Other restrictions
Other constraints	no limitations to public access
Spatial representation type	Grid
Distance	0.0833333333 deg
Language of dataset	English
Character set	UTF8
Topic category	• Geoscientific information

90.00	N	-90.00	S	180.00	E	-180.00	W

Begin date	2009-01-01
End date	2009-12-31
CRS identifier	EPSG:4326
Distribution format	• RST ( )

OnLine resource

No information provided.

Hierarchy level	Dataset

Conformance result

Date (Publication)	2010-12-08
Explanation	See the referenced specification

Statement	Refer to Global Soil Organic Carbon Estimates and the Harmonized World Soil Database R. Hiederer, M. Köchy 2012 – 79 pp. – EUR 25225 EN – EUR Scientific and Technical Research series – ISSN 1831-9424 (online), ISSN 1018-5593 (print), ISBN 978-92-79-23108-7, doi:10.2788/13267 [http://eusoils.jrc.ec.europa.eu/ESDB_Archive/eusoils_docs/Other/EUR25225.pdf]

Metadata

File identifier	1c5ad0a1-27bc-4ccf-b9e0-4d33fec003d4 XML
Metadata language	English
Character set	UTF8
Hierarchy level	Dataset
Date stamp	2020-07-10T17:29:10
Metadata standard name	ISO 19115/19139
Metadata standard version	1.0
Metadata author	**Organisation name** / **Individual name** / **Electronic mail address** / **Role** European Environment Agency / / / Point

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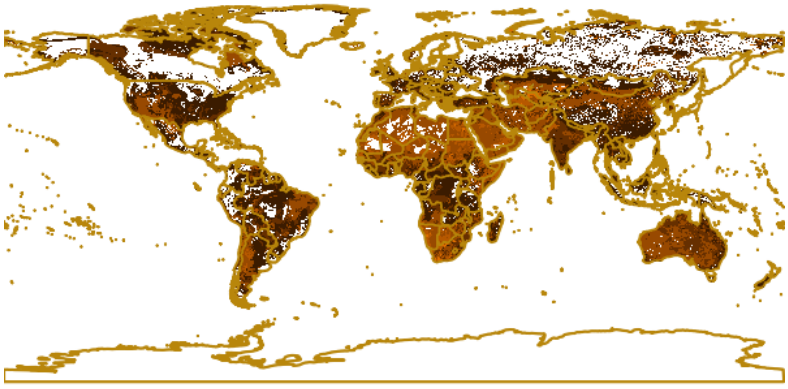
Overviews



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