

SoilGrids250m: Global gridded soil information based on

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Disturbance automated reference toolset (DART): Assessing patterns in ecological recovery from energy development on the Colorado Plateau. <i>Science of the Total Environment</i> , 2017, 584-585, 476-488.	3.9	35
2	3D soil hydraulic database of Europe at 250Åm resolution. <i>Hydrological Processes</i> , 2017, 31, 2662-2666.	1.1	97
3	Soil legacy data rescue via GlobalSoilMap and other international and national initiatives. <i>GeoResJ</i> , 2017, 14, 1-19.	1.4	102
4	Spatio-temporal topsoil organic carbon mapping of a semi-arid Mediterranean region: The role of land use, soil texture, topographic indices and the influence of remote sensing data to modelling. <i>Science of the Total Environment</i> , 2017, 601-602, 821-832.	3.9	122
5	Hydropedology: Interactions between pedologic and hydrologic processes across spatiotemporal scales. <i>Earth-Science Reviews</i> , 2017, 171, 181-195.	4.0	44
6	Diversity-dependent temporal divergence of ecosystem functioning in experimental ecosystems. <i>Nature Ecology and Evolution</i> , 2017, 1, 1639-1642.	3.4	95
7	Symbolic Regression for the Estimation of Transfer Functions of Hydrological Models. <i>Water Resources Research</i> , 2017, 53, 9402-9423.	1.7	24
8	Soil carbon debt of 12,000 years of human land use. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9575-9580.	3.3	713
9	The Ecology of Soil Carbon: Pools, Vulnerabilities, and Biotic and Abiotic Controls. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2017, 48, 419-445.	3.8	584
10	A little bit everyday: range size determinants in <i>Arachis</i> (Fabaceae), a dispersal-limited group. <i>Journal of Biogeography</i> , 2017, 44, 2798-2807.	1.4	10
11	Using digital soil maps to infer edaphic affinities of plant species in Amazonia: Problems and prospects. <i>Ecology and Evolution</i> , 2017, 7, 8463-8477.	0.8	31
12	Geostatistical mapping of topsoil organic carbon and uncertainty assessment in Western Paris croplands (France). <i>Geoderma Regional</i> , 2017, 10, 126-137.	0.9	17
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14	Sample planning for quantifying and mapping magnetic susceptibility, clay content, and base saturation using auxiliary information. <i>Geoderma</i> , 2017, 305, 208-218.	2.3	14
15	Spatiotemporal predictions of soil properties and states in variably saturated landscapes. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 1576-1596.	1.3	12
16	The INFOSOLO database as a first step towards the development of a soil information system in Portugal. <i>Catena</i> , 2017, 158, 390-412.	2.2	30
17	Understanding the spatial distribution of factors controlling topsoil organic carbon content in European soils. <i>Science of the Total Environment</i> , 2017, 609, 1411-1422.	3.9	59
18	Soil nutrient maps of Sub-Saharan Africa: assessment of soil nutrient content at 250 m spatial resolution using machine learning. <i>Nutrient Cycling in Agroecosystems</i> , 2017, 109, 77-102.	1.1	195

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20	Pedotransfer Functions in Earth System Science: Challenges and Perspectives. <i>Reviews of Geophysics</i> , 2017, 55, 1199-1256.	9.0	316
21	Global Sequestration Potential of Increased Organic Carbon in Cropland Soils. <i>Scientific Reports</i> , 2017, 7, 15554.	1.6	268
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25	Toward seamless hydrologic predictions across spatial scales. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 4323-4346.	1.9	81
26	The CAMELS data set: catchment attributes and meteorology for large-sample studies. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 5293-5313.	1.9	316
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28	Portfolio optimization for seed selection in diverse weather scenarios. <i>PLoS ONE</i> , 2017, 12, e0184198.	1.1	16
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36	Mapping units based on spatial uncertainty of magnetic susceptibility and clay content. <i>Catena</i> , 2018, 164, 79-87.	2.2	15

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38	A global map of mangrove forest soil carbon at 30m spatial resolution. <i>Environmental Research Letters</i> , 2018, 13, 055002.	2.2	231
39	Can next-generation soil data products improve soil moisture modelling at the continental scale? An assessment using a new microclimate package for the R programming environment. <i>Journal of Hydrology</i> , 2018, 561, 662-673.	2.3	28
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50	Spatial prediction of soil water retention in a Páramo landscape: Methodological insight into machine learning using random forest. <i>Geoderma</i> , 2018, 316, 100-114.	2.3	84
51	Baseline map of organic carbon stock in farmland topsoil in East China. <i>Agriculture, Ecosystems and Environment</i> , 2018, 254, 213-223.	2.5	41
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82	Models of upland species’ distributions are improved by accounting for geodiversity. <i>Landscape Ecology</i> , 2018, 33, 2071-2087.	1.9	33
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