

# Global Soil Profile Data (ISRIC-WISE)

## Summary:

The International Soil Reference and Information Centre-World Inventory of Soil Emission Potentials (ISRIC-WISE) international soil profile data set consists of a homogenized, global set of 1,125 soil profiles for use by global modelers. These profiles provided the basis for the Global Pedon Database (GPDB) of the International Geosphere-Biosphere Programme (IGBP) - Data and Information System (DIS). The data set consists of a selection of 665 profiles originating from the Natural Resources Conservation Service (NRCS, Lincoln), 250 profiles obtained from the Food and Agriculture Organization (FAO, Rome), and 210 profiles from the reference collection of the International Soil Reference and Information Centre (ISRIC, Wageningen). All profiles are georeferenced and classified according to the 1974 Legend of the FAO-UNESCO Soil Map (FAO-UNESCO, 1974) of the World, as well as the 1988 Revised Legend of FAO-UNESCO (FAO, 1990). The data set includes information on soil classification, site data, soil horizon data, source of data, and methods used for determining analytical data. The data files are in a comma-delimited format.

## Data Citation:

Cite this data set as follows (citation revised on June 26, 2002):

Batjes, N. H. (ed.). 2000. Global Soil Profile Data (ISRIC-WISE). [Global Soil Profile Data (International Soil Reference and Information Centre - World Inventory of Soil Emission Potentials)]. Data set. Available on-line [<http://www.daac.ornl.gov>] from ORNL Distributed Active Archive Center, Oak Ridge National Laboratory, Oak Ridge, Tennessee, U.S.A. [doi:10.3334/ORNLDAAAC/547](https://doi.org/10.3334/ORNLDAAAC/547).

## References:

Batjes, N. H. (ed.). 1996. Documentation to ISRIC-WISE global data set of derived soil properties on a 1/2 deg by 1/2 deg grid (Version 1.0). Working paper and Preprint 96/05. International Soil Reference and Information Centre (ISRIC), Wageningen, The Netherlands.

Food and Agriculture Organization of the United Nations (FAO). 1990. FAO-UNESCO Soil Map of the World: Revised Legend. World Soil Resources Report 60. FAO, Rome, Italy. [Reprinted as Technical Paper 20, International Soil Reference and Information Centre, Wageningen, The Netherlands, 1994].

Food and Agriculture Organization - United Nations Educational, Scientific and Cultural Organization (FAO-UNESCO). 1974. Soil Map of the World. Volume I: Legend. UNESCO, Paris, France.

## Data Format:

For information on parameter/variable names, variable description/definition, units of measurement, and data file format, see this companion file  
[ftp://www.daac.ornl.gov/data/global\\_soil/IsricWise/comp/isric\\_wp.pdf](ftp://www.daac.ornl.gov/data/global_soil/IsricWise/comp/isric_wp.pdf).

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### **Document Curator:**

[webmaster@daac.ornl.gov](mailto:webmaster@daac.ornl.gov)

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