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Digital Soil Map of the World

The vector data set is based on the FAO-UNESCO Soil Map of the World. The Digitized Soil Map of the World, at 1:5.000.000 scale, is in the Geographic projection (Latitude - Longitude) intersected with a template containing water related features (coastlines, lakes, glaciers and double-lined rivers). The Digital Soil Map of the World (except for the continent of Africa) was intersected with the Country Boundaries map from the World Data Bank II (with country boundaries updated to January 1994 at 1:3 000 000 scale), obtained from the US Government. For Africa, the country boundaries are derived from the FAO Country Boundaries on the original FAO/UNESCO Soil Map of the World. Country boundaries in both cases were checked and adjusted in certain places on the basis of FAO and UN conventions.

The maps (jpg and pdf) are also available on the FAO soil Portal together with their reports for the following regions : North America, Mexico and Central America, South America, Europe, Asia, South Asia, Nortah and Central Asia, Sourtheast Asia and Australasia.

[<http://www.fao.org/soils-portal/soil-survey/soil-maps-and-databases/faounesco-soil-map-of-the-world/en/>]

Simple

Date (Revision)
2007-02-28

Edition
version 3.6

Presentation form
Digital map

Purpose
Harmonized soil information.

Status
Completed

Point of contact
[*FAO-UN - Land and Water Division - Ronal Vargas \(Technical Officer \)*](#)
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Maintenance and update frequency
As needed

Keywords (Theme)

- soil
- dominant soil
- Terrastat
- DSMW
- Tag_soil

Keywords (Place)

- World

Access constraints
Copyright

Use constraints
Copyright

Spatial representation type
Vector

Metadata language
eng

Character set
UTF8

Topic category

- Geoscientific information

N
S
E
W

Supplemental Information

Pertinent information regarding the production and use of the digital soil map of the world can be found in the readme.doc contained in the zip file available below for download. A layer (.lyr), legend (.avl), readme and various excel files describing the Digital Soil Map of the World are provided in the data download and are described fully at <http://www.fao.org/landandwater/agil/key2soil.stm>.

Derived soil properties of the Digital Soil Map of the World are also available on GeoNetwork (<http://www.fao.org/geonetwork/>) by searching the FAO catalogue for "digital soil map of the world".

The Digital Soil Map of the World is also available in raster version (resolution grid: 5 arc minutes).

Reference system identifier

WGS 1984

Topology level

Abstract

Geometric object type

Complex

Distribution format

- ESRI Shapefile (1.0)

OnLine resource

[SoilMap_hires.zip](#) (WWW:DOWNLOAD-1.0-http--download)

Digital Soil Map of the World - high resolution map (PDF format - 28MB)

OnLine resource

[dsmw_14116](#) (OGC:WMS-1.1.1-http-get-map)

dsmw_14116

OnLine resource

[DSMW.zip](#) (WWW:DOWNLOAD-1.0-http--download)

Digital Soil Map of the World - ESRI shapefile format

OnLine resource

[ERDAS_World.ZIP](#) (WWW:DOWNLOAD-1.0-http--download)

Digital Soil Map of the World - Erdas format

OnLine resource

[ERDAS_Regions.zip](#) (WWW:DOWNLOAD-1.0-http--download)

Digital Soil Map of the World (by Regions) - Erdas format

OnLine resource

[IDRISI.zip](#) (WWW:DOWNLOAD-1.0-http--download)

Digital Soil Map of the World - IDRISI format

OnLine resource

[Harmonized World Soil Database](#) (WWW:LINK-1.0-http--link)

Harmonized World Soil Database

OnLine resource

[FAO Soils Portal: FAO/UNESCO Soil Map of the World](#) (WWW:LINK-1.0-http--link)

FAO Soils Portal: FAO/UNESCO Soil Map of the World

Hierarchy level

Dataset

Source

- [FAO-UNESCO Soil Map of the World](#)

gmd:MD_Metadata

File identifier
446ed430-8383-11db-b9b2-000d939bc5d8 [XML](#)

Metadata language
eng

Character set
UTF8

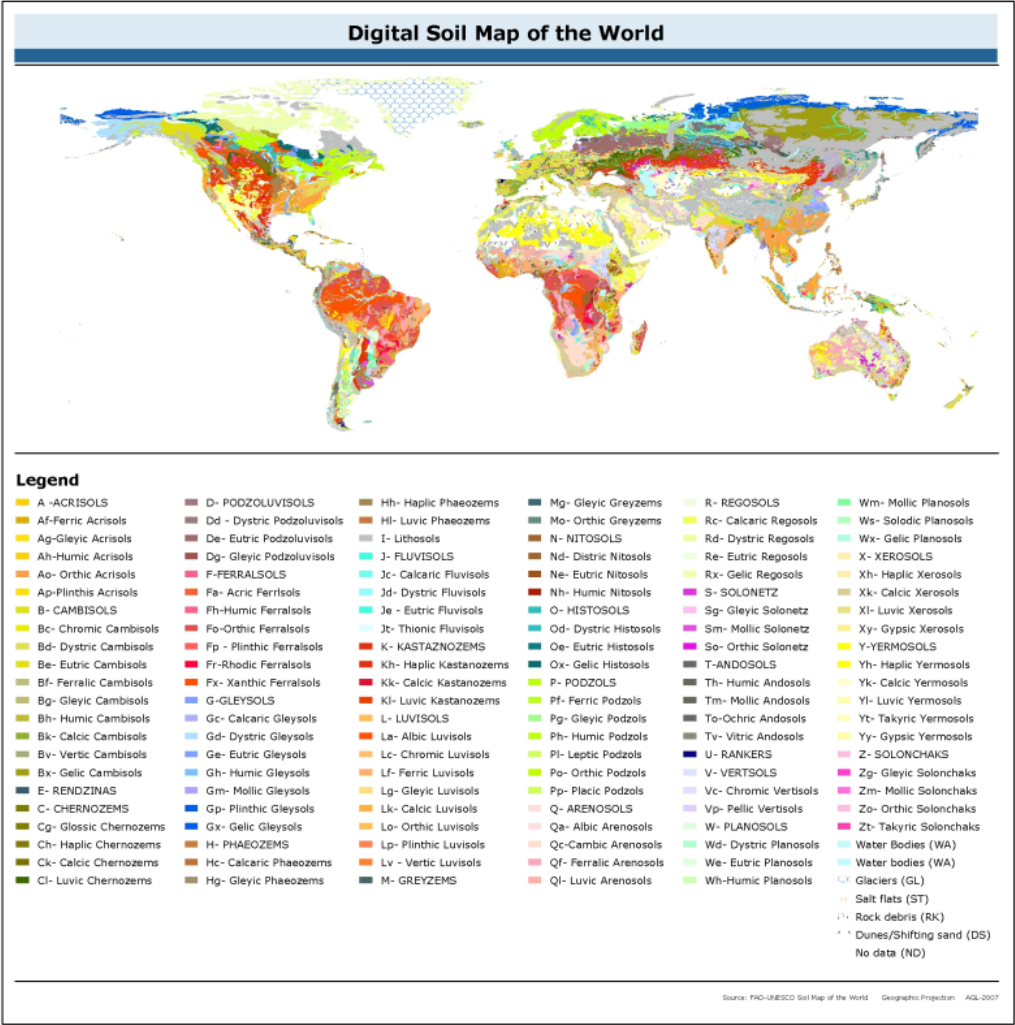
Date stamp
2022-02-14T15:11:06

Metadata standard name
ISO 19115:2003/19139

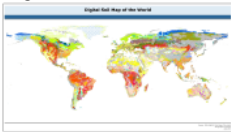
Metadata standard version
1.0

Point of contact
[FAO-UN - Land and Water Division \(\)](#)
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Overviews



large_thumbnail



thumbnail

Spatial extent

N
S
E
W

Keywords

[DSMW Tag_soil Terrastat dominant soil soil](#)

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Associated resources

Not available

- [_](#)
- [_](#)
- [_](#)