

Atlas of African Soils

FAO contribution

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The background of the slide is a solid blue color. In the lower right quadrant, there are several faint, concentric circles that resemble ripples in water, creating a decorative effect.

Databases

1. TerraStats derived from GLASOD

2. FAO-UNESCO legend

3. AgroMaps: Soils , crops, adm. Units

Databases

4. Land degradation in Africa/ river basins

5. LADA/GLADA with updated land use systems and land degradation status (based partly on AgroMaps and FAO livestock databases).

6. FAOStats: agricultural lands, fertilizers, yields...

Databases

7. Directory of Experts and institution in Soil science
8. SWC & Good Agricultural practices /projects
9. Land Resources Information Systems, Aquastats

Databases

10. SWALIM for Somalia

11. Emergency Unit databases on land use , floods and drought

13. Various SOTER databases for Southern Africa and Central Africa (produced together with ISRIC)

Database

14. SOTER-like soil and terrain database for north eastern Africa (produced with the Italian Cooperation).
15. New harmonized world soil database which will give 15 soil properties on a 1km resolution (to replace the World Soil Map
16. Updated Global AEZ by year end which will provide enhanced outputs for crop potentials.

Maps

- **FAO –UNESCO map**
- **Maps on soil erosion, desertification**
- **Agro Maps**
- **Various soils and land suitability maps from projects**

CONVENTIONS



UNCCD

- Land degradation status and trend; SOM loss
- Susceptibility of category of soils to degradation
- Impact of desertification on livelihood and poverty
- Prevention, Conservation and Rehabilitation
- Impact on climate change and biodiversity

CBD

- Soil biodiversity
- Soil quality/type and Endemic species

Ramsar

- Wetlands soils
- Ecosystems
- Development of wetlands in the Sahel
(case study)

UNFCCC

- **Adaptation and mitigation to climate change**
- **Soil carbon sequestration**
- **Ecolabels (carbon foot print, carbon miles)**

Other issues

- **Continuum rural/urban soils**
- **Urban and peri-urban agriculture**
- **Commercial farming/subsistence farming**
- **Formal and informal irrigation**