
**ESDAC - Data Inventory: 16 new datasets**

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16 new datasets added in the European Soil Data Center:
- SPADE-08: Soil Profile Analytical Database of Europe 2008
- Natural susceptibility to compaction, Soil Salinisation, Wind Erosion, PH of Soils in Europe, HYPRES, CLIMPC - Climatic stratification of Europe, GRABEN soil database Bavaria, ASTER DATA for Italy, Harmonized World Soil Database v 1.0, Soil Atlas of Europe, SRTM Ver. 4.0 - for soil studies, Landform classification, CN-LITTFOR: C/N ratio prediction of the forest litter in Europe, Soil Database of Turkey, ClimChAlp: Soil Erosion


**Landform Classification**

Relief analysis is a tool to analyse a landscape based on a Digital Elevation Model (DEM). The landform classification following Meybeck et al. (2001) presents relief classes, which are calculated based on the relief roughness. The landform classification following Iwa-hashi and Pike (2007) present relief classes which are classified using an unsupervised nested-means algorithms with a three part geometric argument.


**A Globally Integrated Africa Soil Information Service (AFSIS)**

A close cooperation between AFSIS and the JRC SOIL Action has been established in order to fully integrate AFSIS within the on-going activities of the SOIL Action in Africa: Soil Atlas of Africa, African Soil Bureau Network and the Africa Soil Portal. Fifty-six scientists from 16 countries met at ICRAF, Nairobi, Kenya to launch the African Soil Information Service (AFSIS) and conduct its first workshop. AFSIS is a pioneering tool that will address some of the pressing issues facing sub-Saharan Africa, such as food security, environmental degradation, and climate change by producing a web-based freely accessible digital soil map and an accompanying information system.


**3 Visiting Scientists Lectures**

During last period the JRC / SOIL Action hosted 3 interesting presentations from recognised scientists:
- Frontiers of Hydrogeology Research and Applications - Pedologic, Architecture and Hydrologic Functions of the Earth’s Skin (Dr. Henry LHI)
- The usefulness of isotopes in soil studies (Peggy Macaigne)
- Integration of Turkish Soil Database into European Soil Database (Ece Aksoy).

http://eusoils.jrc.ec.europa.eu/events/events_visitors.cfm

**Newsletter Spotlight**


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