

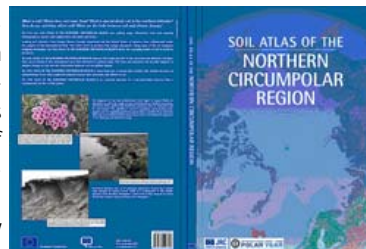
## SOIL Action Newsletter - European Soil Portal:

<http://eusoils.jrc.ec.europa.eu>

Volume 17, May 2010

### [Soil Atlas of the Northern Circumpolar Region](#)

Máire Geoghegan-Quinn, European Commissioner for Research, Innovation and Science, launched the Atlas on 4th May 2010 in Brussels at the European Parliament at the inauguration of an exhibition on the work of the Commission's Joint Research Centre. The 144 pages atlas is the result of a three-year collaborative project with partners from northern EU countries, as well as Norway, Iceland, Greenland, Canada, the USA and Russia and gives a detailed overview of circumpolar soil resources relevant also to agriculture,



forest management, water management, land use planning, infrastructure and housing and energy transport networks. In a clear style, the atlas describes the origin and major characteristics of the different soil types that can be found in this environment. The atlas is a visually stunning publication using striking maps, informative texts and dramatic photographs to explain and illustrate the great diversity of soils in northern landscapes.

<http://eusoils.jrc.ec.europa.eu/library/maps/Circumpolar/>

### [Site Specific Land Management: General Concepts and Applications](#)

To meet the growing need of people for increasing farm income and to minimize the negative environmental impact of today's farm practices, a new farming concept has been evolved where inputs are fine tuned and optimized according to the local field variability such that yield increment is achieved with a minimum harm to the local environment. This farming concept is different than the traditional farming system and can be highlighted as a precision agriculture system or more specifically termed as site specific land management (SSLM) which takes the advantage of recent technological developments and their uses in agriculture. This report explains in brief a general concept and principle of this eco-friendly farming approach with some common procedures to be followed while planning of SSLM in any area.



[http://eusoils.jrc.ec.europa.eu/ESDB\\_Archive/eusoils\\_docs/other/EUR23978.pdf](http://eusoils.jrc.ec.europa.eu/ESDB_Archive/eusoils_docs/other/EUR23978.pdf)

### [47 Soil Maps of Spain](#)

Contribution to European Digital Archive of Soil Maps (EuDASM): 47 Maps of Spain have been elaborated in EuDASM and offered to the public user in various formats accompanied with Metadata information.



[http://eusoils.jrc.ec.europa.eu/library/maps/country\\_maps/metadata.cfm?mycountry=ES](http://eusoils.jrc.ec.europa.eu/library/maps/country_maps/metadata.cfm?mycountry=ES)

### **Newsletter Spotlight**

#### [SPADE/M Version 2 Database](#)

Download the SPADE/M v2 Database: The measured profiles provided by SPADE-1 in the form of separate spreadsheets have been assembled in a structured Microsoft Access Database (.mdb format) in order to form SPADE/M. The updated version of SPADE/M is called SPADE/M version 2 and incorporates a number of significant changes. This database is documented with the "Data Update and Model Revision for Soil Profile Analytical Database of Europe of Measured Parameters (SPADE/M2)" Technical Report.

<http://eusoils.jrc.ec.europa.eu/projects/spade/spadeM.html>

[More Details](#)

Download the Newsletter: [PDF Format](#) or [HTML Format](#).

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