

### Soil hydraulic properties for Europe

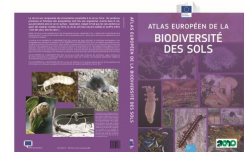
Soil water information is an essential input for environmental, hydrological or land surface models. A reliable soil water map can serve multiple purposes, including scientific research and application of models on different geographical scales. It is also essential for the development of a comprehensive soil quality (SQ) indicator. New soil hydraulic pedotransfer functions (PTFs) were recently developed and could support the computational basis of the new series of maps of soil hydraulic properties. The purpose of the study that JRC undertook is to assist with the implementation of the research programme on soil quality indicators, namely to facilitate the completion of a new soil quality indicator by supplying reliable spatial data on soil hydraulic properties. For this, the following map layers were developed: **Water retention of topsoil** (saturated water content, water content at field capacity, water content at wilting point); **Hydraulic conductivity of topsoil** (saturated hydraulic conductivity)



<http://esdac.jrc.ec.europa.eu/content/maps-indicators-soil-hydraulic-properties-europe>

### L'Atlas européen de la biodiversité des sols disponible en français

A l'occasion de la Journée Mondiale des Sols, le Centre Commun de Recherche (JRC), service scientifique de la Commission européenne, publie la version française de sa cartographie unique des sols européens. L'atlas européen de la biodiversité des sols est un outil d'aide à la décision visant à protéger les sols, ressource essentielle aux cycles de l'eau et du carbone et à l'agriculture. Cet ouvrage de référence s'adressant aux chercheurs, décideurs politiques et enseignants a déjà rencontré un fort succès lors de sa première publication en 2010.



<http://esdac.jrc.ec.europa.eu/content/l'atlas-europ%C3%A9en-de-la-biodiversit%C3%A9-des-sols>

### LANDMARK project

LANDMARK is a European Research Project on the sustainable management of land and soil in Europe. The questions that LANDMARK aim to address are: "How can we make the most of our land? How can we ensure that our soils deliver on the many expectations we have of our land?" In the second newsletter, you can find information about the project, interesting project papers, Workshop details and the LANDMARK Glossary



[http://landmark2020.eu/wp-content/uploads/LANDMARK-newsletter-n2\\_english.pdf](http://landmark2020.eu/wp-content/uploads/LANDMARK-newsletter-n2_english.pdf)

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### Glinka World Soil Prize

The Glinka World Soil Prize honors individuals and organizations whose leadership and activities have contributed, or are still contributing to the promotion of sustainable soil management and the protection of soil resource. The award will contribute in a timely manner to raise awareness of policy makers and the general public about possible solutions to tackle acute national and local problems of soil degradation, and to encourage all stakeholders and soil practitioners to engage in field-oriented work, with direct contributions to the preservation of the environment, food security and poverty alleviation as specified in the Revised World Soil Charter.



**Deadline for nominations:** 30 August 2016

<http://www.fao.org/global-soil-partnership/resources/highlights/detail/en/c/421963/>

### **More Details**

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