

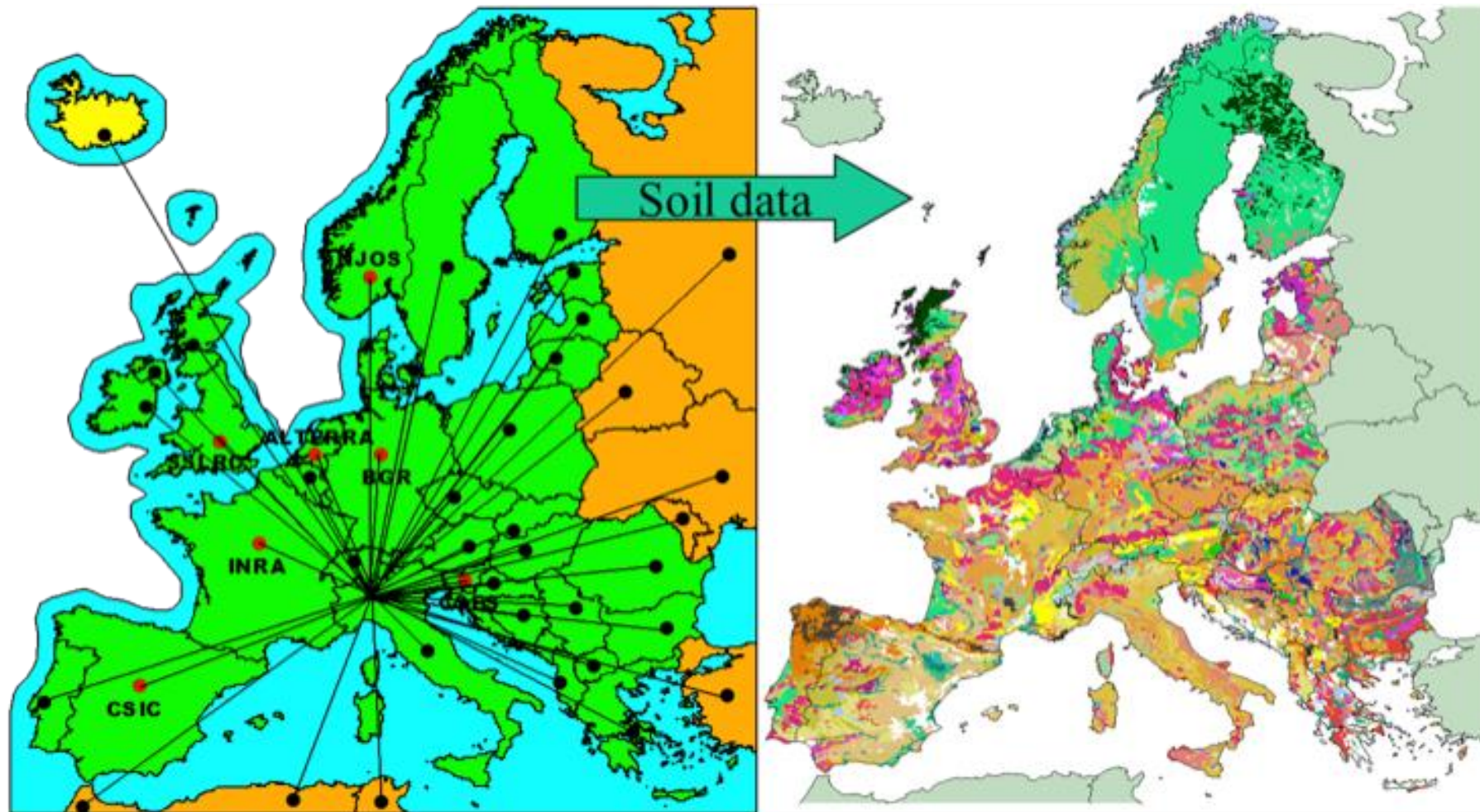
Regional Partnerships : The basis for international cooperation in the field of soil science

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European Commission

European Soil Bureau Network of experts



European Regional Cooperation for soil survey and mapping



EUROPEAN SOIL DATA BASE



A database on soils of Eurasia developed by the EC jointly with V.V. Dokuchaev Soil Institute of Russian Academy of Agricultural Science,

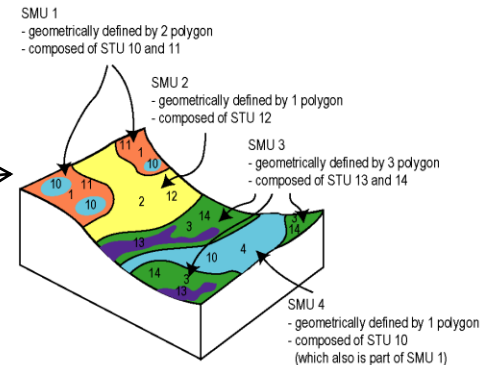


Vector (geometric) dataset:

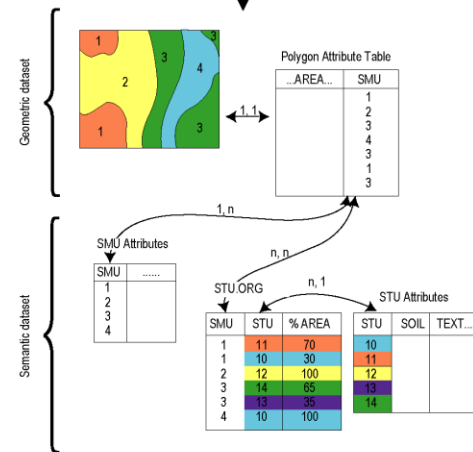
> 50.000 polygons
9 ha minimum area
> 2.000.000 vertices (x,y)
73 parameters

Main source from which most DATA, INFORMATION, DOCUMENTS and SERVICES are derived
1:1.000.000

Organisation of information in the Soil Geographical Data Base

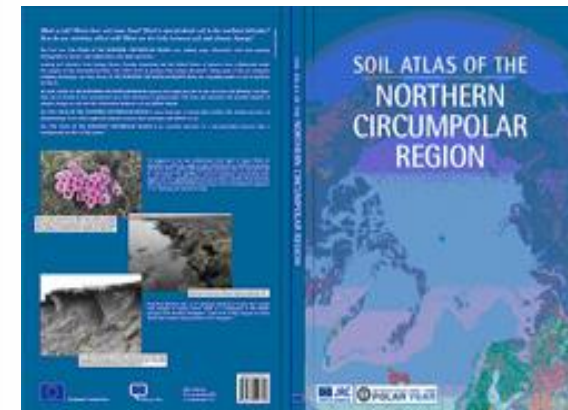
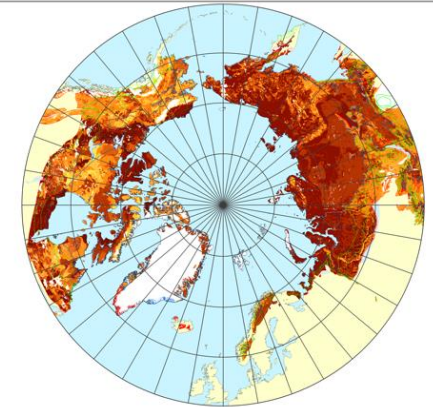


PEDOLOGICAL LANDSCAPE



GEOGRAPHICAL DATABASE

Full database documentation is available in the Soil Portal
<http://eusoils.jrc.ec.europa.eu>



Consortium Agreement signed 7/9/2010

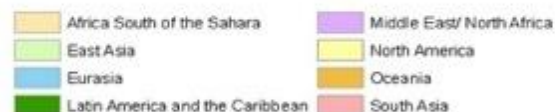
Agreement expires on 6/9/2015

New node leading institution for EURASIA since October 2013:

V.V. Dokuchaev Soil Institute of Russian Academy of Agricultural Science,



Develop a new global high resolution (100m) soil DB by 2015:



(Middle East/North Africa and South Asia nodes pending)

Source for land area data: <http://sedac.ciesin.columbia.edu/place/datasets.jsp>



World Soil Information



AfricaSoils.net



The University of Sydney





ECFS

Lomonosov Moscow State University

Eurasian Center for Food Security

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Our mission: to enhance agricultural performance in the Eurasia Region and to ensure the sustainability of rural development and natural resource management through the provision of analytically based (policy and technical) recommendations and associated technical assistance, with the overarching goal of increasing Russia's contribution to global food security.

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Food security in the Framework of G8



May 18-19, 2012, the leaders of Britain, Canada, France, Germany, Italy, Japan, Russia, and the EU joined President Obama at Camp David for the annual G8 Summit. The leaders met to address major global economic, political, and security challenges, including energy and climate change, food security and nutrition, Afghanistan's economic transition and transitions taking place across the Middle East and North Africa. President Obama and G8 leaders announced a new alliance on food security with African leaders and the private sector as part of an effort to lift 50 million people out of poverty over the next decade.

[President Obama Speaks on Food Security at G8 Meeting](#)
[Press Briefing by Senior Administration Officials on Food Security](#)
[Fact Sheet: The New Alliance for Food Security and Nutrition](#)

Focus area

Click on the map for more detail information concerning food security programmes and projects



Calendar of events

12.05.2012. 8th International Soil Science Congress on "Land Degradation and Challenges in Sustainable Soil Management"

[Read more >>>](#)

Reference 2013-IES-A-07	Enlargement and Integration Action 2013	Institute for Environment and Sustainability
Training Course <i>Digital Soil Mapping for Food Security</i>		
Action	SOIL - Soil Data and Information Systems	
Objectives, policy relevance and content of workshop	<p>In the framework of the newly established Eurasian Centre for Food Security there is the need to develop the necessary capacity for advanced soil data and information systems management in order to collect, harmonize and apply relevant soil data from Eurasia for food security related applications.</p> <p>The training course will focus on advanced digital soil mapping techniques to be applied to existing and newly collected soil data from the Russian Federation, Armenia, Azerbaijan, Belarus, Georgia, Moldova and Ukraine.</p> <p>The training will allow to develop the Eurasian coverage according to the newly established GlobalSoilMap.net standards and therefore contribute to the next generation global soil information system.</p>	
Date, place and duration	July 22-26, 2013, Moscow, Russian Federation	
Deadline for application	31 March 2013	
Target deadline for results of selection	30 April 2013	
Participants profile	Soil survey and soil classification experts as well as staff of National soil survey organizations.	
Country of origin of participants	<p>Focus on participants from:</p> <ul style="list-style-type: none">▪ New EU Member States▪ EU Acceding Country▪ EU Candidate Countries▪ EU Potential Candidate Countries▪ Framework Programme Associated Countries▪ on an ad hoc basis European Neighbourhood Policy Countries and Russia.	

GSP 5 Pillars of Action

1- Promote sustainable management of soil resources for soil protection, conservation and sustainable productivity

2- Encourage investment, technical cooperation, policy, education awareness and extension in soil

3- Promote targeted soil research and development focusing on identified gaps and priorities and synergies with related productive, environmental and social development actions

4- Enhance the quantity and quality of soil data and information: data collection (generation), analysis, validation, reporting, monitoring and integration with other disciplines

5- Harmonization of methods, measurements and indicators for the sustainable management and protection of soil resources



Implementation through Regional Soil Partnerships

Rule VIII – Regional Soil Partnerships

1) Regional Soil Partnerships (RSPs) may be established in each of the following geographical areas:

- ☐ **Africa**
- ☐ **Asia**
- ☐ **Europe**
- ☐ **Latin America and the Caribbean**
- ☐ **Near East**
- ☐ **North America**
- ☐ **Southwest Pacific**

2) Partners may decide to establish soil partnerships of a regional nature not coinciding with those mentioned in the preceding paragraph, based on common language, culture, physical location or other considerations.

Towards a Regional Soil Partnership for Europe

Member Countries



FAO Member Countries in Europe and Central Asia:

Albania, Andorra, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Luxemburg, TFYR of Macedonia, Malta, Moldova, Monaco, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russian Federation, San Marino, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Tajikistan, Turkey, Turkmenistan, Ukraine, United Kingdom, Uzbekistan.

Member Organization: European Union.



Building on existing networks and experiences

European Soil Bureau Network (ESBN)

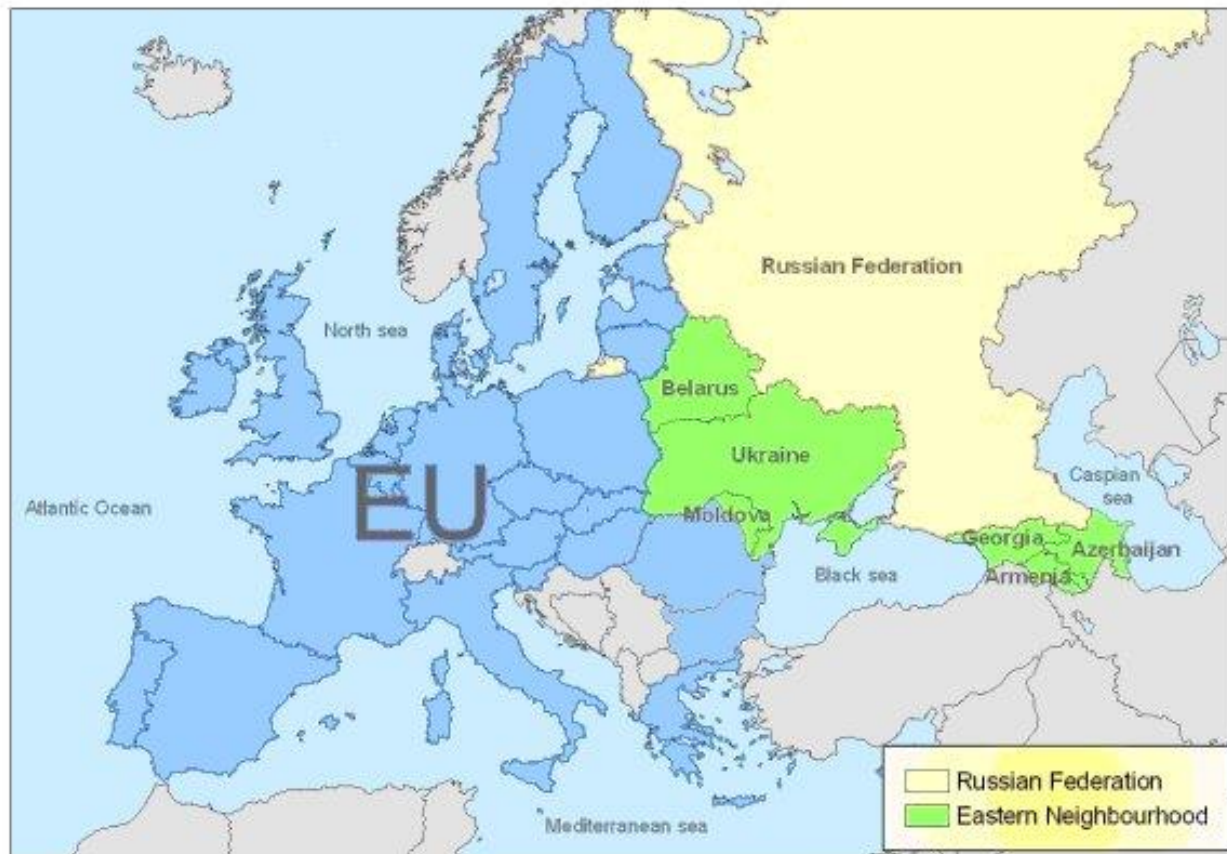
European Society for Soil Conservation (ESSC)

European Confederation of Soil Science Societies (ECSSS)

European Environment Information and Observation Network (EIONET)

European Neighbourhood Policy (ENP)

The European Union and the Eastern Neighbourhood





The European Regional Soil Partnership (ERSP)

*Established in **Berlin** the **31st** of **October 2013***

*Secretariat: **European Commission (DG JRC)***

Ad hoc steering committee:

- **European Commission (DG JRC)**
- **European Soil Bureau Network (ESBN)**
- **Eurasian Centre for Food Security (ECFS)**
- **Institute for Advanced Sustainability Studies (IASS)**
- **Slovakia Soil Science and Conservation Research Institute (SSSCRI)**

Way forward

- 1. Establish a sub-regional soil partnership for Eurasia (Moscow, 20/11/2013)*
- 2. Organize the first plenary meeting of the European Regional Soil Partnership (1st Semester 2014)*
- 3. Enlarge the network of European partners and institutions*
- 4. Implement the 5 GSP action plans at Regional level*

Thank you for your interest!



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