

## 7. RESEARCH NETWORKS

Soil biodiversity research centres			
Name		Aim	Link
Soil Biodiversity and Ecosystem Functioning Lab	Department of Biology at Colorado State University	Research on soil biodiversity and ecosystem functions in the following fields: Antarctic <b>habitats</b> , Grassland habitat and Global patterns.	<a href="http://www.rydberg.biology.colostate.edu/sites/walllab">www.rydberg.biology.colostate.edu/sites/walllab</a>
AfNet	African Network for Soil Biology and Fertility	African network of the CSM-BGBD	<a href="http://www.tsbf.org/africa.html">www.tsbf.org/africa.html</a>
BIOASSESS	The BIOdiversity ASSESSment tools project	Toolbox for assessing impacts of policies on biodiversity in the EU, and impacts of land-use change	<a href="http://www.nbu.ac.uk/bioassess.html">www.nbu.ac.uk/bioassess.html</a>
CONSIDER	Conservation of Soil Biodiversity	Assess the effects of agriculture and environmental policy with respect to the diversity of resources residing in soils 2003-2007	<a href="http://www.zi.ku.dk/consider/index.html">www.zi.ku.dk/consider/index.html</a>
CSM-BGBD	Conservation and Sustainable Management of Below-Ground BioDiversity	Respond to the urgency to slow down losses in soil biodiversity and better assess the potential uses of soil biodiversity in ecosystem management and bioprospecting	<a href="http://www.tsbf.org/csm_bgbd.htm">www.tsbf.org/csm_bgbd.htm</a>
DIVERSITAS	Special Target Area of Research 6: Soil and Sediment Biodiversity	Coordinate information on how soil and sediment species composition and <b>community</b> structure influence ecosystem functioning. DIVERSITAS will facilitate and coordinate the sharing of ongoing research and syntheses efforts among scientists	
GCTE	Global Change and Terrestrial Ecosystem	Predict the effects of changes in climate, atmospheric composition, and land use on ecosystems, including soils and biodiversity (Focus4 - biodiversity, land-use changes)	<a href="http://www.gcte.org">www.gcte.org</a>

IUCN - Soil	IUCN Environmental Law Programme (ELP)	Improvement of environmental law and policy for the sustainable use of soils, particularly for the conservation of biodiversity	<a href="http://www.iucn.org/about/work/programmes/environmental_law/elp_work/elp_work_issues/elp_work_soil/index.cfm">www.iucn.org/about/work/programmes/environmental_law/elp_work/elp_work_issues/elp_work_soil/index.cfm</a>
SARNET	Tropical Soil Biology and Fertility Programme-South Asian Regional Network	South-Asian network of the CSM-BGBD	<a href="http://www.tsbf.org/asia.htm">www.tsbf.org/asia.htm</a>
Soil Biodiversity - NERC Thematic Programme	UK	Integrated research programme on the biological diversity of soil biota and the functional roles played by soil organisms (1997-2004). Online database	<a href="http://www.soilbio.nerc.ac.uk">www.soilbio.nerc.ac.uk</a>
SOWAP	SOil and WAtER Protection	Assessment of the impacts of conservation tillage on the biodiversity above and below-ground, in Belgium, Hungary, and the UK	<a href="http://www.sowap.org/results/biodiversity.htm">www.sowap.org/results/biodiversity.htm</a>
Landscape research / Manaaki Whenua	Research centre in New Zealand	Research on soil biological and chemical interactions	<a href="http://www.landcareresearch.co.nz/research/research_details.asp?Research_Content_ID=85">www.landcareresearch.co.nz/research/research_details.asp?Research_Content_ID=85</a>
SWCS	Soil and Water Conservation Society	SWCS is a non-profit scientific and educational organization that serves as an advocate for conservation professionals and for science-based conservation practice, programmes, and policy	<a href="http://www.swcs.org">www.swcs.org</a>
evenor-tech			<a href="http://www.evenor-tech.com">www.evenor-tech.com</a>
<b>Soil science research centers</b>			
<b>Name</b>		<b>Aim</b>	<b>Link</b>
CIAT	Consortium for integrated soil management	Latin American network of the CSM-BGBD	<a href="http://www.tsbf.org/latin_america.htm">www.tsbf.org/latin_america.htm</a>
ENVASSO	ENVironmental ASsessment of Soil for mOnitoring	Holistic approach to soil protection through the robust and defensible selection of criteria, thresholds and indicators based on harmonised approaches to soil information collection, analysis and management	<a href="http://www.envasso.com">www.envasso.com</a>

ISRIC	World Soil Information Centre	Hosts the World Data Centre for Soils, to serve the scientific community as custodian of global soil information	<a href="http://www.isric.org">www.isric.org</a>
GlobalSoilMap.net	Global soil mapping data	Consists of a consortium that aims to make a new digital soil map of the world using emerging technologies for soil mapping and predicting soil properties at fine resolution.	<a href="http://www.globalsoilmap.net/">www.globalsoilmap.net/</a>
Soil carbon fluxes and land-use changes	UK	Develop a system based on high-resolution spatial soils and land-use data coupled to a dynamic simulation model to predict carbon fluxes from soils resulting from land-use change.	<a href="http://www.rothamsted.bbsrc.ac.uk/aen/ukcarbon/">www.rothamsted.bbsrc.ac.uk/aen/ukcarbon/</a>
SOILSERVICE		Understand how economic production drivers will change current and future use of soil-related <b>ecosystem services</b> and how they affect the <b>resilience</b> and resistance of ecological-economic systems	<a href="http://www.kem.ekol.lu.se/soilservice.html">www.kem.ekol.lu.se/soilservice.html</a>
SOMNET	Soil Organic Matter Network	Facilitate scientific progress in the prediction the effects on Soil Organic Matter of the changes in land-use, agricultural practices, climate through modelling	<a href="http://www.rothamsted.ac.uk/aen/somnet/index.htm">www.rothamsted.ac.uk/aen/somnet/index.htm</a>
STAMINA	STAbility and Mitigation of Arable systems in hilly landscapes	Assist decision-making for sustainable farming	<a href="http://www.rothamsted.bbsrc.ac.uk/aen/stamina/">www.rothamsted.bbsrc.ac.uk/aen/stamina/</a>
<b>Soil biodiversity research projects</b>			
<b>Name</b>		<b>Aim</b>	<b>Link</b>
SOLOBIOMA I	Diversity of soil biota under anthropogenic influence	The aim is to assess the diversity of soil biota in the context of understanding ecosystem function and its relationship to human impact in forests and agroforestry systems in Paraná State, Brazil.	<a href="http://www.solobioma.ufpr.br/">www.solobioma.ufpr.br/</a>

The PROSOIL project	Aberystwyth University	The IBERS PROSOIL project has been developed to look at how typical grassland farming practices in both conventional and organic farming systems can affect soil health, which will be evaluated partially by monitoring earth worm populations	<a href="http://www.aber.ac.uk/en/ibers/research/prosoil/">www.aber.ac.uk/en/ibers/research/prosoil/</a>
LTSE	Long-term soil ecosystem studies	International resource centre for soil research project	<a href="http://www.ltse.env.duke.edu/">www.ltse.env.duke.edu/</a>
CSM-BGBD	Conservation and Sustainable Management of Below-Ground Biodiversity	The Project's main goal is to generate information and knowledge that can be used to better manage and conserve BGBD in tropical agricultural landscapes	<a href="http://www.bgbd.net/">www.bgbd.net/</a>
DIANA	soil Diversity In Austrian NATural forests	DIANA is a cluster of research projects supported by the Lebens Ministerium (Austrian Federal Ministry for Agriculture and Forestry, Environment and Water Management).	<a href="http://www.bfw.ac.at/rz/bfwcms.web?dok=5833">www.bfw.ac.at/rz/bfwcms.web?dok=5833</a>
LAZBO		Long-Term Monitoring of Soil Physical and Biological Properties Pilot Project	<a href="http://www.bafu.admin.ch/boden/00972/00991/index.html/">www.bafu.admin.ch/boden/00972/00991/index.html/</a>
CréBeo Project	CréBeo (Irish) = 'Living soil'	The primary objective of this project is to increase scientific knowledge of soil biodiversity in Ireland.	<a href="http://www.ucd.ie/crebeo/">www.ucd.ie/crebeo/</a>
Bioindicateurs de qualité des sols		Development of soil bioindicators to characterise soil degradations (either chemical degradation and agricultural practices)	National research programme managed by ADEME (French Agency for Environment and Energy Management) Contact : <a href="mailto:antonio.bispo@ademe.fr">antonio.bispo@ademe.fr</a>
ECOMIC-RQMS	Microbial biogeography	To characterise microbiological parameters and apply them to the French soil monitoring network (RQMS)	<a href="http://www.international.inra.fr/press/national_inventory_and_mapping_of_microbial_biodiversity_in_soils">www.international.inra.fr/press/national_inventory_and_mapping_of_microbial_biodiversity_in_soils</a>
RQMS Biodiv		To create an inventory of soil biodiversity in Brittany	<a href="http://www.sols-de-bretagne.fr/">www.sols-de-bretagne.fr/</a>
Wisconsin Integrated Cropping System Trail Project	University of Wisconsin	Investigating soil health and biodiversity	<a href="http://www.cias.wisc.edu/wicst/research/coretrial/soil.htm">www.cias.wisc.edu/wicst/research/coretrial/soil.htm</a>