

PARTNER PROFILE FORM

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Organization	<p>The Research Group ‘Agrochemical, Technology and Management of Soils and Substrates’ belongs to Department of Agricultural Science and Technology, School of Agricultural Engineering (ETSIA), Universidad Politécnica de Cartagena (UPCT).</p>
Areas of expertise	<p>Soil Science. Soil Biogeochemistry and Environment. Soil Contamination and Remediation. Mine Soils. Soil-Water Eutrophication. Wetlands and Pollution. Soil-Plant Relationships. Ecosystem Restoration.</p>
Biography	<p>Recent papers (last 5 years):</p> <p>We have participated in several national and international projects related to the environmental impacts under current national and European laws, the evaluation of soil pollution and methodologies for suitable ecosystem restoration. The main research topics are related to soil-plant relationships, metals availability and geochemistry in polluted and eutrophic environments (including the role of wetlands against pollution), and phytomanagement issues in semiarid degraded environments. The three main researchers of the Group are:</p> <p>Dr. José Álvarez-Rogel is professor of Soil Science at the UPCT and Head of the Research Group ‘Agrochemical, Technology and Management of Soils and Substrates’. His main research topics are related to soil-plant relationships mainly in saline environments, soil and water pollution in metal-contaminated areas, the role of wetlands against eutrophication and metal pollution. He has also experience in studies of soil mapping, agricultural soil capability and soil erosion.</p> <p>Dr. Héctor M. Conesa-Alcaraz is a researcher financed by the “Ramón y Cajal” program. He has wide experience in soil contamination studies. He has been member of Soil Protection group at ETH Zurich (Switzerland) as Postdoctoral researcher till joining the UPCT in 2010. He has improved techniques to describe metal availability and geochemistry in degraded soils and studied soil contamination issues due to industrial activities and remediation options. He also has evaluated risks of metal transfer into the food chain, performed socio-economic evaluations of soil contamination at regional scales and studied the impacts of intensive agriculture and industrial activities on wetlands.</p> <p>Dr. María Nazaret González-Alcaraz is a researcher that nowadays has a postdoctoral grant, financed by "Fundación Ramón Areces", at the Department of Ecological Science, Faculty of Earth and Life Sciences, VU University, Amsterdam. She is specializing in soil ecotoxicology. Among the activities of this stay there is a research project about soil ecotoxicology that the Group is starting in collaboration with the latter Department.</p>
Call for proposal	<p>Growing a Low Carbon, Resource Efficient Economy with a Sustainable Supply of Raw Materials</p> <p>Topic: More effective ecosystem restoration in the EU</p>

	SC5-07-2015
Funding programme	Climate action, environment, resource efficiency and raw materials
Deadline for call	2014-10-16 17:00:00 (Brussels local time)
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