

Contact Details

Organization Name:	Mediterranea University of Reggio Calabria Italy
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Organization details

Country:	Italy
Organization type:	<ul style="list-style-type: none"> • Research Organization • X University • Association • SME • Enterprise
Organization description (max 500 characters):	<p>“Mediterranea” University of Reggio Calabria, is a public higher education institution located in the South of Italy. In the academic year 2011-2012 there were circa 10.880 students of which 900 were enrolled in postgraduate programs. The University’s core research and teaching areas are: Agriculture, Architecture, Engineering, and Law. At present the University of Reggio Calabria offers 40 graduate and 30 postgraduate programs (20 MsC and 10 PhD). International, inter-personal and inter-institutional networks, and projects developed in cooperation with other universities are reflected in its teaching and research activities so as to foster innovation and update of learning contents, project incubation, curriculum development, scientific research and training. International projects are fully integrated into the life of the institution. In 2013, the University had 450 permanent teaching and research staff that developed a significant number of research projects (400 R&D only) for which contributed the work produced by 80 fellowship grant holders, which demonstrates a clear commitment towards R&D and innovation. At present, the University has well-established research centers in several fields such as food technology (TERINA), ARTS – Laboratory of advanced research in telecommunication. CISUT – Superior Consortium Transport Institute. CREATE – Research Consortium for Energy application and Electromagnetism; NOEL - Natural Ocean Engineering Laboratory.</p>

Sector of interest

H2020 Programme

Partner Search Form

Research topic:

(E. Use of no food cultures to produce biodiesel.

Agriculture waste to produce biogas and energy,

Effect of different constraints on soil ecology

Use of cover crop for biological and weed control in agricultureG.

- SFS-2-2014/2015: Sustainable crop production (Assessing soil-improving cropping systems)
- SFS-4-2014: Soil quality and function
- WASTE-7-2015: Ensuring sustainable use of agricultural waste, co-products and by-products
- ISIB-5-2014: Renewable oil crops as a source of bio-based products
- SC5-6-2014: Biodiversity and ecosystem services: drivers of change and causalities
- SC5-7-2015: More effective ecosystem restoration in the EU
- SFS-5-2015: Strategies for crop productivity, stability and quality

ENV.2010 2.1.3-4.OR KBBE-2010-1-7-01)

(Max 3 topic)

(if available, please specify the code of the topic(s) that you are interested in)

Expertise

Description of the expertise (max 2000 characters):

Adele Maria Muscolo Professor of Pedology, Biochemistry and Soil Ecology is the leader of the research group at Department of Agriculture Faculty of "Mediterranea University" of Reggio Calabria, Italy. She has rich experience in the use of different biomass for agriculture proposal, she is expert of the effect different constraints on soil ecosystem and plant growth, identifying the metabolic traits of plant salt resistance. In addition she is expert in soil organic matter trend, soil quality and carbon sequestration under different environmental conditions. She is working with many European Research Centre, Small and Medium Enterprise, on the use of biomass for energy production and the use of agriculture wastes to produce compost.

Keywords describing the expertise offered:

Agricultural Biomass, Bioenergy, soil ecosystem, Biodiesel, Soil salinity

Committment offered:

- X Research
- Demonstration
- X Training
- X Dissemination
- Management
- Other Role:

Previous experience in FP Project

Partner Search Form

<i>Former participation in FP European Projects?:</i>	YES
<i>Project Title/Acronym:</i>	METACROP; METAFOR; MULCROSA; ENERBIOM
<i>Activities performed:</i>	<ul style="list-style-type: none"> • X Research • X Demonstration • Training • Dissemination • X Management • Other Role:

International Cooperation

<i>Interest in international cooperation:</i>	YES
<i>Geographical area(s) of interest:</i>	<ul style="list-style-type: none"> • X Mediterranean area • Balkan area • Africa • Asia • Russia and NIS (Newly Independent States) • Latin America • X Other

I agree with the publication of my data