

HORIZON 2020 PROFILE FORM

I offer my expertise to participate as a Partner in a Project Proposal

Contact Details

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Position in the Organisation	Associate Professor of Environmental Conservation		
Organisation	Terrestrial Ecosystems Management Lab - Open University of Cyprus		
Type of Organisation	Public University		
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Short Profile of the Organisation and the Personnel to be Involved (max 500 words)

The Terrestrial Ecosystems Management Lab (TemLab) at the Open University of Cyprus is working on traditional approaches to ecosystem management coupled with landscape ecology principles, namely the importance of spatial configuration of ecological processes and the emphasis on larger spatial extents. TemLab consists of a number of researchers experienced in various fields of landscape ecology, habitat mapping, climatic change impacts on forests and biodiversity, and biodiversity monitoring. Our research revolves around three pillars that intertwine:

1. Mediterranean Ecosystems with emphasis on islands and mountains

We have a keen interest on environmental change on mountains and islands of the Mediterranean region. We have worked in a systematic manner with ecological monitoring of European priority habitats: Mediterranean temporary ponds, Juniperus forests and sand dunes, as well as protected areas in Mediterranean islands: Crete, Sardinia, Cyprus.

2. Landscape based approach to conservation

Research under this pillar focuses on the effect of landscape structure on biodiversity, landscape character assessment and applications in ecological research, including habitat restoration and recreation, and the designation of protected areas. We are also interested in the integration of nature and culture through the landscape framework for effective conservation delivery.

3. Spatial Analysis for species and habitats modeling and ecosystem services

The main topics of research under this pillar include GIS and remote sensing applications for species and vegetation mapping and modeling as well as systematic conservation planning under climate change. In addition we seek to assess the spatial relationships between ecosystem services and the two main drivers of environmental change i.e. land use change and climate change.

Information on Expertise and Potential Contribution

Expertise offered:

Landscape ecology and landscape character assessment,
Habitat loss and fragmentation,
Biodiversity conservation and monitoring
Land-use / land-cover change detection and modelling,
Vegetation and habitat mapping using GIS and remote sensing,
Mountain Ecology,
Climatic change impacts on vegetation and wildlife,
Aquatic Ecology and Management
Reptiles' ecology, monitoring and conservation,

Potential Contribution to the Project Proposal :

- | | | |
|--|--|--|
| <input checked="" type="checkbox"/> Research | <input type="checkbox"/> Innovation | <input type="checkbox"/> Prototype / Model development |
| <input type="checkbox"/> IPR Know-How | <input checked="" type="checkbox"/> Dissemination and Outreach | <input type="checkbox"/> Capacity Building |
| <input checked="" type="checkbox"/> Hosting/Sending Secondments | | |
| <input checked="" type="checkbox"/> Networking | | |
| <input checked="" type="checkbox"/> Other - Socioeconomic impact of research | | |
| - Gender balance in our research team | | |
| - Expertise in LIFE and ENPI projects (potential synergies with H2020) | | |

Call Identifier :

H2020- WATER-2014/2015

H2020-SC5-2014/2015

- Topic (if identified) SC5-7-2015, SC5-10c-2015, SC5-15-2015, SC5-17-2015,
WATER-2b-2015, WATER-5c-2015
- Without call for proposals associated

Previous experience as a Coordinator in RTD projects yes no
or Partner in RTD projects yes no

If yes, in which projects?

SCALES: FP7 project grant agreement No 226852 (www.scales-project.net)
GREENINURBS: COST project FP1204 (www.greeninurbs.com)
JuniperCY (LIFE10 NAT/CY/000717) www.junipercy.org.cy
AgroLIFE (LIFE13 BIO/CY/001114) www.agrolife.eu
LIFE-RIZOELIA (LIFE12 NAT/CY/000758) www.life-rizoelia.eu
MEDSCAPES (ENPI CBCMED) www.enpi-medscapes.org

Target Partner Sought

Organisation details :

<input checked="" type="checkbox"/> Higher Education / University	<input checked="" type="checkbox"/> Industry / SME
<input checked="" type="checkbox"/> Research Institution	<input checked="" type="checkbox"/> International Organisations
<input checked="" type="checkbox"/> Public or Governmental Body	<input type="checkbox"/> Individual Partner
<input checked="" type="checkbox"/> NGOs / Voluntary Civil Society Organisations (For topic SC5-17-2015)	<input type="checkbox"/> Other (specify)

Expertise / Competency :

Target Partner Country :

<input type="checkbox"/> Any Country	<input checked="" type="checkbox"/> Member State or Associated Country
<input type="checkbox"/> Third Country	<input type="checkbox"/> International Cooperation Country ICPC
<input type="checkbox"/> Specific Country	

Date: 20/3/2015

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