ARIMNet2 Young Researchers Seminar

“How to better involve end-users throughout the research process to foster innovation-driven research for a sustainable Mediterranean agriculture at the farm and local scales.”

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DESIGNING ECOLOGICAL LANDSCAPING CENTERS

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CONTEXT & CHALLENGES

Biodiversity of Mediterranean Basin & Turkey

• The Mediterranean Basin is one of the world’s richest places in terms of animal and plant diversity which has high levels of plant diversity and endemism. The flora of Mediterranean Basin contains many plants that can be used as ornamental plants.

• Turkey also encompasses areas that are major centers of crop diversity and center of origin for globally significant crops.

• Ecological Landscaping
  ▪ Known as conservation landscaping, this approach to landscaping enhances natural systems and strives to create a healthy balance that allows people, animals and plants to thrive and protects the quality of water, soil and air.

• Challenges
  ▪ Loss of diversity and habitat destruction that inevitably results from the expansion of human populations and human activities.
OBJECTIVE & HYPOTHESES

Objective

• The objective of this project to create ecological centers where take places in Mediterranean Region with natural plants using sustainable systems.

Hypotheses

- The hypothesis of this project designing new natural areas. This centers' landscape will design their region's natural plants for the purpose of saving water. Usage of plants close to their natural habitat for landscape can save more water because they can survive in nature any irrigation systems.
METHODOLOGY

Ecological Landscaping

• Survey & landscape analysis
• Ecological planning & design methods
• Organic food production
  ▪ Natural soil improvement
  ▪ Climatic factors in design
  ▪ Integrated animal systems
  ▪ Water harvesting, conservation and management
  ▪ Agroforestry & forest gardening
  ▪ Renewable energy systems & Appropriate technologies

INVolVEMENT OF STAKEHOLDERs

Any group or individual who can affect by the ecological landscaping centers. For instance affected communities, national or local government authorities, civil society organizations, decision makers etc.
EXPECTED RESULTS / IMPACT

Natural Systems

• Using natural systems for the purpose of taking away the people city life and to aware of how the nature is wonderful.

Sustainable Biodiversity

- People will explore biodiversity of nature. These centers initiate native plant rescues from areas soon to be cleared for development. These can be transformative for appropriate wild sources.

Healing by Nature

- Simultaneously people can get clean their mind and body (detox diets etc.) in this centers.
PROPOSED PARTNERSHIP

Partners:
- Potential partner the benefits of engaging in a partnership with us and anyone who wants to collaborate.
- Determining how this centers can offer solutions to the potential partner's challenges for example disturbing nature.
Thank you for your attention!
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