

# Lessons learned and future research

EC Workshop on "Fostering innovative dialogue between researchers and stakeholders to meet future challenges: Land, Soil, Desertification, Urban and Community-Based Environmental Management "

10th and 11th June

*Tahia Devisscher*

*Stockholm Environment Institute, Oxford*

# Outline

- Affiliation and area of expertise
- Information about our involvement in on-going EU-funded projects
- Challenges and lessons learned in EcoAdapt
- Future research and innovation needs in the field

## Latest News

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### Q&A: Gregor Vulturius on floods as a catalyst for action

2013-06-07

Previous disasters, including the catastrophic Central European floods of 2002, have already led to improvements in flood protection; the latest events could risk reduction efforts.

[Read more >](#)


### Managing environmental systems

Growing populations, rapid urbanisation and increased consumption put unprecedented pressure on land, water and air resources. We show how to manage these resources together to protect food security, human health and biodiversity.



### Reducing climate risk

Emissions of greenhouse gases are built into our economic systems. Our research shows the benefits of a low carbon future and describes how we get there through mitigating and adapting to climate change.



### Transforming governance

The social, institutional and political setting is vital for improving livelihoods, sustainability and resilience. We provide insights into good governance for sustainable development in the face of social and ecological change.



### Rethinking development

The global economy has brought welfare and prosperity to the world. But it has also depleted natural resources and vital ecosystem services. We set out alternatives for a sustainable future, from the planetary scale down to local, on-the-ground solutions.

## Recent publications



Assessing Arctic futures: voices, resources and [...]



Integrating Disaster Risk Management into Climate [...]



Persistent women and environment linkages in [...]



The matter is not if, but [...]



Current vulnerability in the Tri-National de [...]



Transport and Environment in Sub-Saharan Africa [...]



A spatially explicit scenario-driven model of [...]



Arctic Resilience Interim Report 2013: Summary [...]

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### INTERACTIVE TIMELINE



[Explore highlights of SEI >](#)

### Events

◀ Jun 2013 ▶

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### NEWSLETTER

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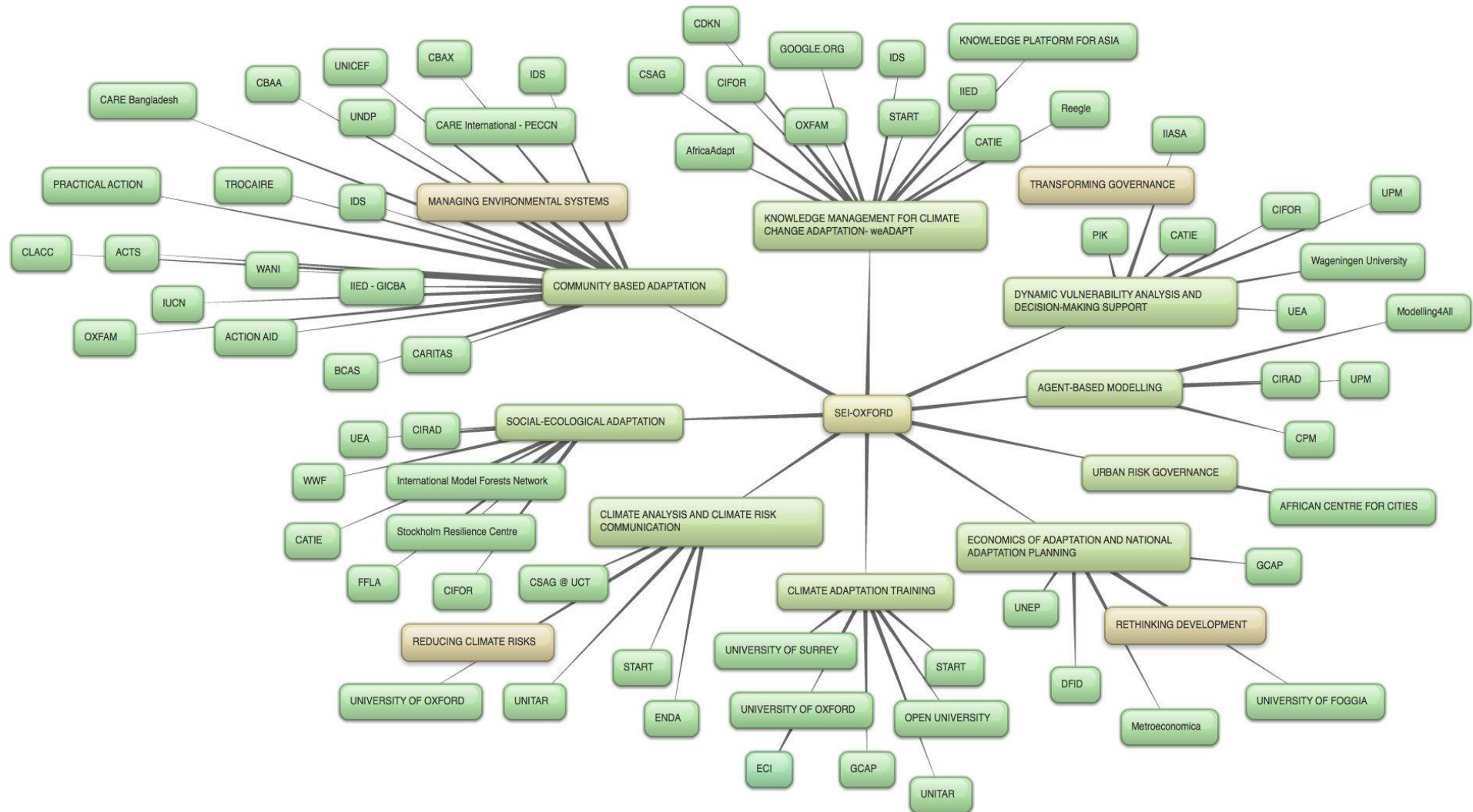
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# Area of expertise

- Adaptation to climate change
  - Complex adaptive systems analysis
  - Adaptive governance network analysis
  - Ecosystem-based adaptation
  - Adaptation planning and decision support
  - Assessment of differentiated vulnerability
  - Climate risk communication





Home > [Adaptation Layer](#)



# On-going EC projects



**EcoADAPT\*** <http://www.ecoadapt.eu/>

Latin America, support adaptive governance for ecosystem-based adaptation in model forests



**Mediation\***

<http://mediation-project.eu/>

Europe, develop a common platform for impacts, vulnerability and adaptation



**Climate Change Capacity Development (C3D+)**

<http://www.c3d-unitar.org/>

Developing countries, build capacity for adaptation planning



**EMBRACE\***

<http://www.embrace-eu.org/>

Europe, build resilience against extreme events



**Healthy Futures\***

<http://www.healthyfutures.eu/>

East Africa, asses impact of climate change on human health





# Lessons Learned



Time is key for an action-research project

Constant participation and face-to-face interaction promote reflection, learning and action

Build on redundancy for adaptive management

Flexibility is critical to support processes from the bottom-up, but guidance and a vision are equally important

Strengthening networks and capacity is already action

Good communication is the basis for trust

Action-research requires some trade-offs in the outputs but produces larger outcomes





# Future research needs

- Bridge different communities (CSOs, scientists and decision-makers)
- Integration of tools and methods for more robust approaches and synergies
- Formalizing links between qualitative and quantitative research

