

# Transforming Cities, Enhancing Well-Being: Innovating with Nature-Based Solutions

University of A Coruña, Spain  
16 – 18 May 2018



Cities summit II, Parallel session:

## Benefits of ecosystem restoration

Moderator: Stavros Stagakis

Note-taker: Nektarios Chrysoulakis

**Foundation for Research and  
Technology – Hellas (FORTH)**

<http://rslab.gr>

# Scope

Exchange knowledge on the **multiple benefits of NBS** on degraded ecosystems and their importance for climate change resilience.

Identify the **best practices and most exemplary NBS case studies** of ecosystem restoration.

Explore the **emerging innovative nature-based technologies** for ecosystem restoration.

**Identify barriers** in ecosystem scale NBS applications.

Investigate **possible solutions and drivers** to accomplish NBS propagation and upscaling.

# Programme

- Introduction *10 min*
- Expert presentations *35 min*
  - Victor Beumer, Deltares* *theme: lake restoration*
  - Fernando Magdaleno, CEDEX* *theme: floodplain restoration*
  - Veronica Ruiz, IUCN* *themes: land and coastal ecosystem restoration*
- Discussion *10 min*
- Brainstorming post-it session (3 groups) *30 min*
- Wrap-up *5 min*

# Brainstorming post-it session (30 min)

Separate to 3 groups according to the topics:

- NBS in Rivers, lakes, wetlands (facilitator: Victor Beumer)
- NBS in Coastal ecosystems (facilitator: Veronica Ruiz)
- NBS in Land ecosystems (facilitator: Fernando Magdaleno)

*Select the group that is more relevant to your experience*

# Brainstorming post-it session (30 min)

Post-it notes per group topic to the respective wall:

Green  
post-its

- Most important **NBS practices** and/or exemplary **case studies**  
(write the **region** that this action is more relevant – higher in priority – in parenthesis)

Yellow  
post-its

- Multiple **benefits** of each practice

Pink  
post-its

- Identified or possible **barriers** to NBS propagation

Blue  
post-its

- Suggest solutions or **drivers** to upscale NBS implementation

- Comment section: Free

(e.g. limitations of suggested NBS, true facts, experiences, relative research on the subject etc.)

*Auxiliary material with examples and region map on each table*

Europe Climate Regions



Credits: <https://www.barenbrug.biz/forage/climate-map>

# Outcomes

- Clustering public document: “**Roadmap for Research and Action** on establishing a reference framework for NBS in addressing social challenges”
  - Key messages
  - Open issues for further clustering
  - Recommendations for action
- **ThinkNature Handbook** (Guide for Nature Based Solutions: technical, policy, social, economic aspects)
  - Grouping and prioritization of best NBS practices according to region and benefits
  - Highlight best and innovative practices and case studies
  - Barriers and Drivers of NBS
- **ThinkNature case studies portfolio**
  - Enrichment of the online gallery of NBS case studies
- **ThinkNature platform discussion – signup at <https://platform.think-nature.eu/>**
  - Ongoing online dialogue

*All session outputs will be shared with the session participants*





**Contact:**

Stavros Stagakis

[sstagaki@iacm.forth.gr](mailto:sstagaki@iacm.forth.gr)

FORTH / IACM

Nikolaou Plastira 100, Vassilika Vouton  
GR 700 13 Heraklion, Crete, Greece



<http://rslab.gr>