

Webinar Series: Session 5 Measuring NBS performance and impact for adaptive management

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Previously on NBS implementation...





From challenges to evidence



• Trade-offs?



Defining NBS objectives

Challenges Objectives and targets Monitoring Impact assessment Evidence

Objectives

For addressing the local challenges







Ways to select appropriate indicators (1/2)

- Based on local challenges and objectives
- Essential for generating knowledge on what works and what does not
- Can be built upon existing frameworks (EKLIPSE, NBS Taskforce)

Specific, Measurable, Achievable, Realistic, and Time-bound





Ways to select appropriate indicators (2/2)



Dumitru and Wendling (Eds.), in preparation



Monitoring and impact assessment considerations



Key performance indicators

- Realistic and credible
- Serve the purpose
- Not arbitrary
- Comparable

Baseline or no-NBS assessment

 Enables comparison of before and after NBS construction

Scale of NBS impact

- At which the impact will be visible
- Must correlate with NBS size
- Directly affects data acquisition modes

Data acquisition

- The ways monitoring data is collected and processed
- In situ, citizen science, surveys, EO/remote sensing
- Long- and short-term effects
- · Resources and labour
- Frequency of data collection
- Responsibilities and ownership of data
- Open source data

Evaluation framework

- National and/or international policies and frameworks
- Enables comparability and benchmarking





• Employ ICT tools as possible to simplify data collection & management

Reduce uncertainty over time via monitoring of the NBS interventions



UNaLab example: City of Tampere (FI)



Urban challenges to objectives: a few examples



Translating objectives to indicators: a few examples



Once the monitoring is running...





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