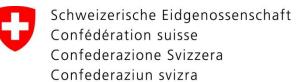


Circle 2 Share Workshop

Cross-sectoral Vulnerability, Risk and Economic Assessments for Adaptation Strategies

Berlin, 11th of February, 2014







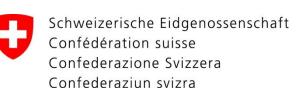


Cross-sectoral impact-based assessments:

Different methods - common challenges

Inke Schauser, Martin König & Pamela Köllner









Purposes of cross-sectoral climate impact assessments

1. Policy Perspective:

- identifying priorities of adaptation
- assessment of adaptation potentia important?
- setting priorities in adaptation pla
 What should
- comparison with other developme we do?

2. Science Perspective:

- investigation of climate and socioeconomic developments and their interactions in a complex system
- development of new methodologies and tools

- ➤What is most important?
- What should we do?
 - ➤ What can we learn?
 - ➤ What can we create?



Differences in definitions and methods

1. Definitions:

- Economic assessment
- Risk assessment
- Vulnerability assessment

key term: amount of damage potential of climate change impacts

2. Methods:

- qualitative
- quantitative
- assessments/models based on climate projections, socio-economic scenarios and policy assumptions









Common challenges

Assessing potential future effects and COMPARE damage potential across sectors:

- project future climate and socio-economic change
- project and assess future impacts of these changes
- make different impacts comparable
- assess, weight and aggregate different impacts
- visualize, interpret, **COMMUNICATE** and USE results







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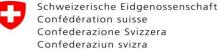


Common problems

- uncertainties in projections (future!), data constrains
- > make things comparable, which are not comparable
- normative judgments: what is important for whom?







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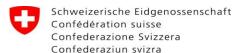


Motivation of the organizers

Misfit of policy expectations and scientific possibility, but interesting scientific results

- How to close the science-policy gap?
- How to deal with it and with the existing results, i.e. how to apply, communicate and use them better in the adaptation process to steer adaptation actions?





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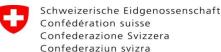


Objectives

- I. A concrete description of the science-policy gap,
- II. Ideas how we can minimize the science-policy gap or deal with it, and
- III. Some concrete benchmarks on which of the basic three approaches (or a combination) is most promising for which purpose.











Outputs

- proceeding of the workshop
- overview on purposes and methods for crosssectoral vulnerability, risk and economic assessments used for adaptation strategies in Europe,
- including scientific challenges, identifying research and knowledge gaps



