

**United Nations/Germany International
Conference on Earth Observations**

**Global Solutions for the Challenges of
Sustainable Development in Societies at Risk**

Session 1

Working Group 2: National Information Needs

26 May 2015



SESSION 1

WORKING GROUP 2: NATIONAL INFORMATION NEEDS

Presentation 1: Alexander Rottlander „Collaboration of Science and Practitioners – Information as a Key Element for Effective Collaboration“

Most relevant topics and challenges:

Topic/Challenge	Description	Potential Follow Up Activities
Differences in Cultures	Scientific vs Hands on Practitioners	These two should be in one group
Differences in Backgrounds	Educational Backgrounds	Find a common language
Differences in Understanding	Lack of communication	Streamline targets
Differences in Objectives	Scientists have a completely different role as compared to practitioners	Available networks
Differences in Capacity and Expectations	Expectations between the two are completely different	Ensure that expectations are explicitly stated

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WORKING GROUP 2: NATIONAL INFORMATION NEEDS

Presentation 2: Pema Thinley „Disaster Management in Bhutan: The Demand for Information“

Multi-Hazard Risk Assessment Components:

- Risk Assessment/Identification
- Risk Reduction
- Risk Retention and Transfer
- Disaster Management

Hazard Maps:

- Base Maps
- Geological Maps
- Land Cover Maps
- Rainfall Data
- Topographic Data
- DEM
- Hydrological Data

Exposure:

- Road Networks
- Water Networks
- Power Supply
- Buildings
- High Resolution Satellite Imagery

Risk Mapping = Exposure x Vulnerability



Thank You

