

Panel

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Integrated Research on Disaster  
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**IRDR**

Integrated Research on Disaster Risk

# Questions?



What are constraints to apply appropriate science and technology to DRR activities?



How can we overcome those constraints to build resilient society?







# Integrated Disaster Risk Science: A Tool for Sustainability IRDR CONFERENCE 2014 June 7-9, 2014 Beijing, China



# Science, decision making and communication

- Integrated risk science: different models, context and data will dictate choice of model (complex / generic) to offer understanding to policy makers
- Need to better understand needs of various stakeholders at all levels to deliver effective science – including terminology
- Need for research innovations: scenarios, optimisation, predictive models, communication formats, decision approaches

# Local communities

- Importance of community participation in DRM, empowerment but also listening
- Collaboration and partnerships key to building local resilience
- Disasters are place-based
- Communities and individuals can contribute to our data needs (citizen science)
- The role of embedded cultural norms and the interface with science and policy



# Government, policy and planning

- Challenging to integrate global, regional, national, and local level policies and plans
- Need to promote local innovations and knowledge to policy level
- Use of stories and narratives and emotion to engage government and policy makers
- Informal relations play an important role
- Gap between policy and knowledge

# Integrated Approaches; need to bridge gaps

- Adopting integrated risk management at all levels, local through to global
- Tools to drive collaboration and an integrated approach
- Participation / co-responsibility of all actors to communicate the need for scientific advances, technological progress and social, practical and decision making needs.
- Our role is our inter- and trans-disciplinarity but we must identify communities not yet involved
- Science that is useful, useable and used is key

Thank you

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