

Workshop Output TT 3.4.G

Title of workshop: Scientific support for the coherent monitoring and implementation of Post-2015 UN Frameworks in global Mountain regions

Prepared by

Moderators	<i>Session Chair: Joerg Szarzynski</i> <i>Moderator: Stefan Schneiderbauer</i> <i>Moderator: Carolina Adler</i> <i>Moderator: Susanne Wymann von Dach</i>
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* Workshop participants that have submitted contributions to the workshop

General questions to please be answered in the workshop reporting

- 1) What was the focus of the workshop? Methodological issues and advancements or thematic issues (systems knowledge, transformation knowledge, target knowledge). Please check and fill in the matrix in the output section.

Due to the fact that a majority of relevant international frameworks were introduced in 2015 (last IMC conference in Perth, October 2015), to our knowledge this is the first a specific workshop was looking at the concrete monitoring and implementation of such frameworks in mountains. In consequence, this workshop dealt with aspects of transformation knowledge in order to consider the high degree of inter/trans disciplinary research that is ultimately needed to accommodate the highly integrative character of this topic.

Methodological issues and advancements	Thematic issues		
	System knowledge	Transformation knowledge	Target Knowledge
		First time such a session was introduced at IMC	

- 1) Which key points were discussed in the workshop as a whole? (This should be more a synthesis and not simply a summary of the key points in each presentation)
 - **a clear disconnect was identified between the current design of existing frameworks, authorities at the national level of member states, and related subnational entities such as the scientific community, NGOs, local stakeholders etc.**
 - **based on the ad hoc change of COP25 from Brasil to Chile demonstrates the fragility of the global political discussion**
 - **until recently, a lack of mountains as a specific point of interest in sustainability discourse, particularly as frameworks are dealt with at a national level – the importance of mountain ecosystem services for the lowlands is not recognised**

- 2) What is your opinion on the current state of knowledge concerning your topic(s) (focusing on mountain regions)? *Please check and fill in the matrix on the following page.*

Mountain countries/regions do not have the same “one” political voice as compared to the small island states.

Overall assessment of the state of:

What is your personal opinion on the current state of knowledge concerning the topic(s) addressed in your workshop. Please tick the appropriate field. Brief explanations are appreciated.

State of knowledge	Very good	Good	Poor	Very poor	Not appropriate	Comments
Global						
Regional						<i>Which region?</i>
Scattered case study-based knowledge						<i>Where?</i>
Knowledge about past states/trends						
Knowledge about current situation						
Knowledge about future states/trends/thresholds						
Knowledge about the system						
Knowledge about shaping pathways to more sustainable development (transformation knowledge)						
Knowledge about envisaged goals (target knowledge)						

Ideas for questions to potentially be answered by the moderators after the workshop in the reporting (please delete what is not useful):

- 1) Were there any new insights and/or findings presented? If yes, which ones?
 - **Lack of information policy within certain countries to inform from national to local levels**
 - **Research findings are not considered at a national level in some cases**
 - **Potential negative impacts of frameworks that are not adapted to local contexts**
- 2) What was the main message/consensus of your workshop?
- 3) Were major uncertainty issues identified and discussed? If yes, which ones?
 - **Issues with information policy between international to subnational level were identified and needs to be improved – lack of strategy for information dissemination**
 - **Weak national government might block the process of framework implementation and monitoring within countries**
 - **It became obvious that the majority of scientists were not aware of the opportunity to develop country specific tailor-made indicators in collaboration with the UNDRR office based in Bonn**
- 4) Was there any significant controversy (if so, what?) that requires new data (or further exploration of existing data) to resolve the issue? (explain)
 - **Disregard of scientific evidence among political decision makers**
- 5) Were new research questions raised? If yes, would working on these questions need to involve other disciplines (which ones)?
 - **A systematic scientific review would be needed to adequately address the current challenges as identified above**
 - **Reporting done at national level – indicators and their reporting may be politically influenced – science could play a role in validating indicators and reporting**
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- 6) Did the workshop identify research topics (e.g. environmental drivers other than climate) that are, in your opinion, currently greatly underrepresented in mountain research, but should urgently be addressed?
 - **The initial phase of designing frameworks was heavily supported by the international scientific community – the same is needed (including resources and capacities) for the implementation and monitoring phases of the frameworks to achieve appropriate and successful results in the long term.**

Further Comments