

Workshop design and layout of working groups
 Bolzano Conference, **Workshop on October 18th**, NOI-Tech Park,
Version: 04-10-2018

Guidelines for moderators:

Main goals of the working groups are:

1. bringing together staff members from UNU and Eurac with the broader international community of scientists, practitioners, UN staff, and delegates from International Governmental Organisations (IGO) and Non-Governmental Organisations (NGO);
2. to discuss contemporary and future challenges in mountain areas worldwide;
3. to bridge between the international academic community and the United Nations system by translating science into action;
4. to provide the ground for joint research projects;
5. to develop a roadmap of activities for the GLOMOS initiative.

Important note:

Please keep in mind that the activities of the working groups will take place on 1 (one) day only (Thursday 18th October).

9:00 Introduction to Working Groups
9:30 – 10:30 Expert Working Groups
10:30 – 11:00 Coffee break
11:00 – 13:00 Main Theme Working Groups (I)
13:00 – 14:00 Joint Lunch
14:00 – 16:00 Main Theme Working Groups (II)
16:00 – 16:30 Coffee Break
16:30 – 18:30 Private Sector Exhibition
18:30 Official conference dinner NOI - TECHPARK

1. First session to start with nine (9) **Expert Working Groups** as outlined below. All participants need to select a respective group guided by the respective moderators.
2. Starting with the second session we propose to merge the nine **Expert Working Groups** into a smaller number of maybe five (5) **Main Theme Working Groups** following the schematic depiction below. Please also discuss among the moderators which groups should be merged if other options are preferred. There will be two (2) sessions for the **Main Theme Working Groups** to discuss the related topics and to develop statements for the GLOMOS roadmap, including the documentation.

The following original *Expert Working Groups* are **proposed** to be merged:

- Group 2 and 3 into: Mountain Disaster Risk Reduction and Disaster Management
- Group 4 and 5 into: Mountain Governance and Global Challenges
- Group 6 and 7 into: Mountain Infrastructure / Mountain Livelihoods and Development

Original *Expert Working Groups* 8 and 9 (Earth Observation and Higher Education) will act as cross-sectional groups deploying experts into the remaining 4 *Main Theme Groups*.

Main Theme Working Groups:

1. Mountain Ecosystems
2. Mountain Disaster Risk Reduction and Disaster Management
3. Mountain Governance and Global Challenges
4. Mountain Infrastructure / Mountain Livelihoods and Development



Figure 1: *Main Theme Working Groups* against the background of global frameworks

Important note:

The merger of groups is a suggestion from our side in order to reduce the overall number of simultaneously working groups and to foster inter- and transdisciplinary discussion between the different participants.

However, during the preparation phase of the working groups please feel free to discuss between the moderators which groups should be merged if other options are preferred.

And next to the possibility to entirely merge two working groups, there is also the option, to send selected observers from one group into other groups, in order to make sure that key findings can be exchanged and taken into consideration.

There will only be two (2) sessions for the ***Main Theme Working Groups*** to discuss the related topics and to develop statements for the GLOMOS roadmap, including the documentation for the wrap-up session on the following day.

In addition, please feel free to contact speakers or panelists to join and contribute to your working group.

Expert Working Groups (rectangles indicating groups proposed to be merged):

1. Mountain ecosystems, land use system and biodiversity:

Andreas Hilpold / Zita Sebesvari

2. Innovative approaches in the fields of Disaster Risk Reduction (DRR), Disaster Risk Management (DRM), and Climate Change Adaptation (CCA) (Vulnerability and Climate Risk Assessment), Climate insurance-related solutions

Stefan Schneiderbauer / Sönke Kreft

3. Mountain Disaster Management (Mountain Emergency Medicine, Civil Protection, Humanitarian Aid, Emergency Response Preparedness):

Sebastian Mayrgündter, Hannes Gatterer / Jörg Szarzynski, Juan Pablo Farrill Duque

4. Mountain Governance (Intergovernmental Treaties, Minorities, Gender Equality, Mountain Sacredness & Spiritualism):

Francesco Palermo, Alexandra Tomaselli, Mariachiara Alberton, Marianna Elmi

5. Mountain Migration, Demography and Cultural Diversity

Roberta Medda, Andrea Membretti / Jakob Rhyner

6. Mountain Development (Rural Economy, Smart Mountain Villages, Social Innovations, Sustainable Tourism):

Elisa Ravazzoli, Anna Scuttari, Christian Hoffmann

7. Mountain Infrastructure (Renewable Energy, Transport Systems, Protection Engineering Structures, Urban Settlements in mountainous regions, Adaptive Planning); Private Sector Engagement & Innovation Technology;

Wolfram Sparber, Silvia Tomasi, Adriano Bisello, Nives Della Valle / Simone Sandholz

Cross-sectional Expert Working Groups:

8. Earth Observation / Monitoring, Geomatic, ICT:

Alexander Jacob, Claudia Notarnicola, Marc Zebisch / Yvonne Walz

9. Higher Education, PhD Programme, Capacity Development & Training

Günther Cologna / Karen Hattenbach / Phanchung (Director General Royal University of Bhutan)

Main idea for the cross-sectional working groups is to deploy observers into the other 4 Main Theme Working Groups in order to explore how geomatics (earth observation, remote sensing & GIS) and education can be applied within the different thematic fields.

Underlying principles for the design of the individual working groups:

To better explain the underlying ideas and principles of the conference and the GLOMOS program, we want to recall the format and major goals as officially defined and announced:

FORMAT: the congress will act as a platform for communication and exchange inviting interested researchers from numerous disciplines, practitioners, government representatives and NGO's, UN agencies, public and private institutions, the private sector, as well as international networks and organizations related to mountain specific topics.

GOALS: major aims of this conference are to discuss present and future challenges in mountain areas worldwide, to bridge between the international academic community and the United Nations system, and to facilitate a global community of practice dealing with contemporary mountain specific subjects. In more detail, main objectives of the conference will include:

- the identification of adequate approaches to turn scientific knowledge into action, specifically to support the implementation of the most recent global conventions and frameworks, such as the Sustainable Development Goals, the Paris Climate Agreement, the Sendai Framework for Disaster Risk Reduction, and the New Urban Agenda;
- facilitating the science-policy dialogue and promote scientifically sound guidelines and recommendations for decision makers and planners to foster evidence-based advocacy for mountain specific topics,
- strengthening the resilience of mountain communities within the context of major drivers such as climate change, urbanization or economic development and the development of inclusive and people-centered DRR concepts including gender-mainstreaming.

The underlying philosophy for the design of the individual working group should be:

1. To keep in mind one of the main targets of the GLOMOS program, i.e. to better connect the academic world with partners from the UN system and their related frameworks

2. To keep in mind the major slogan of the conference: "Global Mountain Safeguard" - ***Emerging Risks and Future Challenges for Mountain regions worldwide!*** In other words, we would like to ask each working group to discuss the aspects of "Emerging Risks and Future Challenges for Mountain regions worldwide" within their own specific context and to think about existing gaps, potential solutions and what is still needed to be optimized, e.g. in terms of extended and improved trans-disciplinary working approaches as well as an improved "science-into-action" approach with better linkages to practitioners, mandates organizations and the private sector.

It is our overall ambition to make full use of the wealth of people from different communities, such as scientists, UN staff, practitioners, stakeholders etc., rather than having experts only talking to experts within disciplinary silos. As a more general effect, the conference will bring together scientists from Eurac Research and UNU-EHS in order to improve the understanding on how both institutes are working and to explore common ground for future joint project proposals. And together with other international participants, the GLOMOS program intends to facilitate a global community of practice dealing with contemporary mountain specific subjects.