

## **GLOMOS INTERNATIONAL CONFERENCE**

**Bolzano/Bozen, 17-19 October 2018**

### Working Group 3

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

### Workshop Moderators:

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

Worldwide in some 120 countries approximately 900 million people live in mountainous regions, where they are particularly susceptible to multiple natural hazards and an increasing number of very specific disaster risks. Mountains are also considered the most sensitive regions with regard to global warming and the worldwide observed intensifying climate variability. It is very likely that climate change has particularly fast and direct consequences on the frequency and intensity of natural hazards occurring in these regions. Relief operations within such remote environments are often severely hampered by destroyed infrastructures provoking severe bottlenecks and shortcomings concerning key emergency response elements, such as logistics and communication, as well as any other first response support activities and humanitarian aid. Adaptation strategies will need to adopt an integrative approach that covers the entire disaster risk cycle from prevention to recovery. Possible entry points for factoring climate change into DRR and risk management include hazard and vulnerability analysis and spatial planning coupled with risk monitoring and improved early warning systems. All these activities should be in line with the implementation of the 2030 Agenda for Sustainable Development (including the Sustainable Development Goals, SDGs), the Sendai Framework for Disaster Risk Reduction (SFDRR), the Paris Climate Agreement, and the Emergency Response Preparedness (ERP) approach finally leading to more appropriate and tailor-made solutions to reduce disaster risks in mountain areas.

### **Main topics of the Working Group**

- What is the status quo of existing *Safeguards for Emergency Response Preparedness* and *Standard Operating Procedures (SOP)* for relief activities during major disasters in mountain areas?
- How to improve the integration of state of the art Earth Observation Technologies, end-to-end Multi-hazard Early Warning Systems (EWS), architecture approaches (building codes) as well as International Disaster Coordination Structures and Strategies?

### **Working group concept** (total working time 5h):

1. Presentation of challenges as identified in the rationale;
2. Discussion of the listed challenges by main panellists/speakers through individual statements;
3. Statements from selected contributors and questions from the audience;
4. Summary of results in view of the presented challenges and conclusion

### **Main panellists/speakers**

- South Tyrol Civil Protection
- Representative UN OCHA

### **Results**

Result and major statements will be reported on October, 19<sup>th</sup> at the final/wrap up session "Report from working groups".

**From 2<sup>nd</sup> session on this Workshop will be merged with Working Group 2: Innovative approaches: DRR, DRM, CRVA & climate insurance related solution**