

Agenda:

Monday 6th November

09:00 – 09:30: Arrival & Registration

09:30 – 09:45: Welcome – **Pema Gyamtsho** (Director General, ICIMOD) and **Carolina Adler** (Executive Director, MRI; virtual)

GROUP PHOTO

09:45 – 10:05: Workshop Objectives & Overview of GEO Mountains, & Participants' Expectations – **James Thornton** (MRI)

10:05 – 10:20: Introduction to the general concept of “Mountain Observatories” – **Maria Shahgedanova** (University of Reading & MRI; pre-recorded)

10:20 – 10:40: Introductory presentation from ICIMOD, **Sudip Pradhan** (ICIMOD)

10:40 – 11:00: BREAK

11:00 – 12:00: Invited presentations on existing mountain observatories / experimental basins / local networks (I)

- **Mohd. Farooq Azam** – IIT Indore, India
- **Syed Hammad Ali** – Glacier Monitoring Research Centre (GMRC), Pakistan Water and Power Development Authority (WAPDA)
- **Tao Che** – Institute of Tibetan Plateau Research (ITP), Chinese Academy of Sciences (CAS)
- **Sonam Lhamo** – Bhutan National Centre for Hydrology and Meteorology

12:00 – 13:30: LUNCH

13:30 – 15:00: Invited presentations on existing mountain observatories / experimental basins / local networks (II)

- **Sharad Joshi**, Sunita Chaudhary & Jakob Steiner – Himalayan University Consortium (HUC)
- **Miriam Jackson** – ICIMOD

- **Min Feng** – Institute of Tibetan Plateau Research (ITP), Chinese Academy of Sciences (CAS)
- **Jeniya Shakya** – SmartPhones4Water-Nepal
- **Christoff Andermann** – Université de Rennes
- **Tom Matthews** – King's College London (pre-recorded)

15:00 – 15:30: BREAK

15:30 – 16:45:

- **Discussion I:** Towards more coordinated research-oriented monitoring and enhanced data availability and capacity exchange: good practices, challenges & opportunities (All)

16:45 – 17:00: Summary of the Day's Proceedings (James Thornton & Sudip Pradhan)

17:00 – 18:00: Poster Session & GEO Mountains Reception

Tuesday 7th November

9:00 – 10:30: Invited presentations on mountain monitoring and data: an operational focus

- **Adina Croitoru** – World Meteorological Organization & Babeş-Bolyai University
- **Md. Abdul Matin** – Bangladesh Meteorological Department
- **Shri. Surender Paul** – India Meteorological Department
- **Minghu Ding** – Chinese Academy of Meteorological Sciences
- **Niraj Shankar Pradhananga** – Department of Hydrology & Meteorology, Nepal
- **Adnan Shafiq Rana** – Pakistan Meteorological Department

10:30 – 11:00: BREAK

11:00 – 12:00:

- **Discussion II:** Towards enhanced exchange of data and capacities between the research and operational monitoring communities: good practices, challenges, & opportunities (All)

12:00 – 13:15: LUNCH

13:15 – 14:30: Invited presentations on mountain monitoring and data: an ecological focus:

- **Irfan Rashid** – University of Kashmir
- **Maroof Hamid** – University of Kashmir
- **Pierce Hu** – Yunnan University

14:30 – 15:00: BREAK

15:00 – 15:15: Socio-economic data across the HKH and its integration with biophysical data: Examples from HI-WISE– **Amina Maharjan** (ICIMOD)

15:15 – 15:30: Data & Information for Disaster Risk Reduction – **Sundar Sharma** (National Disaster Risk Reduction and Management Authority, Nepal)

15:30 – 16:15: Discussion III: Extending the thematic scope of existing observatories and opportunities to enhance involvement of Early Career Researchers / use of observatories for student projects (All)

16:15 – 16:30: Summary of the Day’s Proceedings (**James Thornton & Sudip Pradhan**)

18:00: Workshop Dinner at Hotel Himalaya (see location details below)

Wednesday 8th November

9:00 – 10:30:

- Presentation and activity on identifying “Essential Socioeconomic Variables” (ESVs) for general applications across the HKH (contribution to GEO Mountains’ Task Group 2.3) –led by **James Thornton, Amina Maharjan, Jakob Steiner & Stefan Schneiderbauer**

10:30 – 11:00: BREAK

11:00 – 12:00: Discussion IV: Identifying potential high impact projects that could be conducted collaboratively using existing data (All)

12:00 – 12:30: Summary, Conclusion & Next steps

Workshop ends