

Location and Dates

DAY 1: 23rd September 2024: Workshop at ICIMOD headquarters, Lalitpur, Nepal (Kailash Hall, ICIMOD)

Time (NPT)	Programme	Speakers
09:00 - 09:30	Registration	Shova Bhandari Senior Programme Associate ICIMOD
09:30 - 10:15	Opening session Welcome Remarks Introduction to the MHRA workshop, and overall objectives Role of Swiss Agency for Development and Cooperation (SDC) in promoting Multi-Hazard Risk Assessment in the HKH. Brief overview of the Multi-Hazard Modelling Hackathon and its way forward	Shekhar Ghimire Director Administration, Finance and Operations ICIMOD Arun Bhakta Shrestha Strategic Group 1 Lead, ICIMOD Dipesh Gurung National Program Officer – Climate Change Swiss Agency for Development and Cooperation SDC Embassy of Switzerland, Nepal Saswata Sanyal DRR Intervention Manager, ICIMOD
10:15 - 10:45	Group photo and Tea break	All
10:45 - 11:05	Introduction of the draft ICIMOD MHRA framework	Basanta Raj Adhikari, Director, Centre for Disaster Studies, IoE, TU (TBC)
11:05 - 11:25	Updates on Cascading, Compounding and Amplifying risks in the MHRA framework	Bipin Dulal Disaster Risk Reduction - Analyst, ICIMOD
11:25 - 11:45	Presentation on GLOF hazard in the HKH region and use of GLOF database of High Mountain Asia.	Finu Shrestha Remote Sensing and Geo - information Analyst, ICIMOD
11:45 – 12:05	Landslide hazards in the HKH region. Update on LHASKarnali: prototype web app development and its uses.	Sudan Bikas Maharjan Remote Sensing Analyst – Cryosphere, ICIMOD
12:05 – 12:30	Q&A	Rapporteurs: Sarthak Shrestha Manish Shrestha Facilitator Debabrat Sukla

12:30-13:30	Lunch break	
13:30-13:50	Presentation on Flood Hazards in the HKH region. Use of HIWAT Flash flood tool for flood EWS.	Bipin Dulal
13:50-14:10	Presentation on Drought hazard and long-term Dry period in the HKH region; brief overview of drought modelling tools.	Sarthak Shrestha Remote Sensing and Geo - Information Associate
14:10 – 14:30	Presentation on Heat Wave and Cold Wave hazards in the HKH. A brief overview of SERVIR-HKH tools for HW & CW EWS.	Manish Shrestha Hydrologist, ICIMOD
14:30 – 14:50	Integrating GESI in Risk Assessments	Reena Chaudhary GEDSI focal, NDRRMA
14:50 – 15:10	Q&A	
15:10 – 15:20	Brief discussion on the cascading hazard events leading to Melamchi flood 2021 – information sharing for next day field visit to Melamchi.	Sudan Bikash Maharjan
15:20 - 15:30	Wrap-up summary on Workshop; way forward and closing.	Neera Shrestha Pradhan Action Area A Coordinator, SG1 Rapporteurs Finu Shrestha Debabrat Sukla Facilitator Saswata Sanyal
15:30	Tea and Snacks; back to hotel	
17:30	Reception Dinner	

DAY 2: 24th September 2024: Field visit to inspect the cascading hazard impact of Melamchi river.

Time (NPT)	Programme	Responsible person
08:00 – 10:00	Depart from Hotel Vivanta to Melamchi	
10:00 – 10:30	Rest, tea and cookies	
10:30 – 11:00	Discussion on cascading hazard interaction and occurrence	Sudan Bikash Maharjan
11:00 – 12:30	Visit to the field to view impacts of cascading hazards	
12:30 – 13:30	Lunch and Rest	
13:30-15:30	Field visit continues	
15:30 – 16:00	Tea and snacks	
16:00 – 18:00	Back to Kathmandu Hotel	

DAY 3: 25th September 2024: Hackathon for multi-hazard modelling, focusing mainly on compounding and cascading multi-hazard interactions modelling. (Location: Kailash Hall, ICIMOD)

Time	Program	Responsible Person
09:00 – 10:00	Discussion on types of hazard interactions in HKH Cascading, Compounding, and amplifying hazards Brief review of MHRA framework, purpose of MH modelling, and way forward with MHRA goals until 2025	Bipin Dulal Saswata Sanyal
10:00 – 12:30	Group introduction and multi-hazard modelling hackathon begins	Bipin Dulal
12:30 – 13:30	Lunch	
13:30 - 15:30	Multi-hazard modelling hackathon continues	Mentors
15:30 – 15:45	Tea break	
15:45 – 17:30	Each group will share Hackathon Day 1 work status with all groups. Feedback from other groups is taken by each group followed by way forward discussion.	Bipin Dulal Mentors of each group

DAY 4: 26th September 2024: Hackathon for multi-hazard modelling, focusing mainly on compounding and cascading multi-hazard interactions modelling. (Location: Kailash Hall ICIMOD)

Time	Program	Responsible Person
09:00 – 09:30	Recap on Hackathon Day 1 MH modelling status	Bipin Dulal
09:30 – 12:30	Multi-hazard modelling hackathon continues	
12:30 – 13:30	Lunch	
13:30 - 15:30	Multi-hazard modelling hackathon continues	
15:30 – 15:45	Tea break	
15:45 – 17:30	Each group will share Hackathon Day 2 work status with all groups. Feedback from other groups is taken by each group followed by way forward discussion	Bipin Dulal

DAY 5: 27th September 2024: Hackathon for multi-hazard modelling, focusing mainly on compounding and cascading multi-hazard interactions modelling. (Location: Kailash Hall ICIMOD)

Time	Program	Responsible Person
09:00 – 09:30	Recap on Hackathon Day 2 MH modelling status	Bipin Dulal
09:00 – 12:30	Multi-hazard modelling hackathon continues	
12:30 – 13:30	Lunch	
13:30 - 15:00	Multi-hazard modelling hackathon continues, final presentation preparation	

15:00 – 15:15	Tea break	
15:15 – 17:00	Final presentation within group and discussion	Bipin Dulal