

Hazards and risks posed by climate change on cryosphere and hydrology of Narayani Basin

Agenda

Monday, 13 May 2024

Time	Programme	Speaker/Resource person
Opening session		
Moderator – Prashant Baral , Cryosphere Analyst, ICIMOD		
10:00 – 10:00	Registration Tea/coffee	Shova Bhandari , Senior Programme Associate, ICIMOD
10:00 – 11:00	Opening remarks	Neera S. Pradhan , Action Area Coordinator, ICIMOD Churna Bahadur Wali , Joint Secretary, WECS
	Overview of generation of evidence and knowledge on the basin-scale climate and environmental risks to the hydropower sector in Nepal	Faisal M. Qamer , Intervention Manager, ICIMOD
	Introduction of the participants and group photo	
Session 1: Cryosphere and water risks		
Moderator: Tenzing Chogyal Sherpa , Cryosphere Analyst, ICIMOD		
11:00 – 12:00	Climate change implication hydropower and associated risks (Presentation and discussion)	Presenters: Girish Raj Lamsal , Research Associate, NDRI
	Cryosphere risks – Snow (Presentation and discussion)	Sher Muhammad , Remote Sensing Specialist, ICIMOD
	Cryosphere risks – Glacial Lake hazards (Presentation and discussion)	Sudan Bikash Maharjan , Remote Sensing Analyst – Cryosphere, ICIMOD
	Cryosphere risks – Permafrost (Presentation and discussion)	Prashant Baral , ICIMOD
12:00 – 13:00	Lunch	
13:00 – 14:00	Group discussion - local observations, comparison with scientific results and implications of changes	Facilitator: Tenzing Chogyal Sherpa , ICIMOD
	- Local observations and implications of risks related to hydrology	Sudan Maharjan , ICIMOD
	- Local observations and implications of risks related to cryosphere.	Girish Raj Lamsal , NDRI
	- Institutional preparedness and operations for responding to these risks at the local level?	Neera S. Pradhan , ICIMOD

	Presentation from each group in the plenary	
14:00 – 14:30	Tea break & display of posters on risks related to hydrology and cryosphere	Facilitators: Girish Raj Lamsal , NDRI Sher Muhammad , ICIMOD Sudan Bikash Maharjan , ICIMOD Tenzing Chogyal Sherpa , ICIMOD Prashant Baral , ICIMOD
14:30 – 14:45	Closing remarks	Neera S. Pradhan , ICIMOD Hari Bahadur Thapa , Senior Divisional Engineer, WECS

Tuesday, 14 May 2024(Technical)

Time	Programme	Speaker/Resource person
Session: Assessment of cryosphere and water risks		
Moderator: Sudan Bikash Maharjan, ICIMOD		
10:00 – 10:30	Registration Tea/coffee	Shova Bhandari , ICIMOD
10:30 – 10:45	Summary of Day 1 and agenda for Day 2 Pre-requisites for the technical session (setting up of participants' laptops, checking internet connections etc)	Sudan Bikash Maharjan , ICIMOD
10:45 – 12:00	Technical details (tools/methods) related to Hydrological assessment and associated risks (presentation and demonstration of tools/ methods applied; discussion)	Presenter: Girish Raj Lamsal , NDRI
12:00 – 13:00	Lunch	
13:00 – 14:15	Technical details (tools/methods) related to Snow assessment and associated risks (presentation and demonstration of tools/ methods applied; discussion)	Presenter: Sher Muhammad , ICIMOD
14:15 – 15:45	Technical details (tools/methods) related to the assessment of GLOFs and associated risks (presentation and demonstration of tools/ methods applied; discussion)	Presenters: Sudan Bikash Maharjan and Tenzing Chogyal Sherpa , ICIMOD
15:45 – 16:00	Tea break	
16:00 – 17:15	Technical details (tools/methods) related to the assessment of Permafrost and associated risks (presentation and demonstration of tools/ methods applied; discussion)	Presenter: Prashant Baral , ICIMOD
17:15 – 17:25	Closing remarks	