

Detailed Agenda

Day 0: 25 September 2024. Day: Wednesday

Venue: Hotel Himalaya

Time: 15:30 (NPT)

Opening session. Moderator: **Neera Shrestha Pradhan**, Action Area Coordinator, AA-A: Managing cryosphere and water risks

Time	Activity	Resource person
15:30 - 16:00	Registration	Anisha Shrestha , Programme Associate, ICIMOD
16:00 - 16:15	Welcome remarks	Shekhar Ghimire , Director Administration, Finance and Operations, ICIMOD
16:15 - 16:30	ICIMOD MTAP and AAA: Cryosphere and water risks	Arun B Shrestha , Strategic Group Lead, SG-1: Managing climate and environmental risks, ICIMOD
16:30 - 16:45	Opening remarks	Enamul Mazid Khan Siddique , Programme manager, TROSA
16:45 - 17:00	Purpose of the training Program structure Agenda	Faisal Mueen Qamer , Intervention Manager: Resilient River Basins, ICIMOD
17:00 - 17:30	Participant introduction and expectation	Chimi Seldon , Communication Officer, ICIMOD and Shubhuti Kiran Ghimire , Water Resources Management- Consultant, ICIMOD
17:30 - 17:45	Group photo	
17:45 - 18:00	Reception Dinner	

Day 1: 26 September 2024

Venue: Kanchenjunga Hall, ICIMOD Headquarters

Time: 09:00

Module 1: Conceptual understanding and review of the status of IRBM

Resource Person:

Arun B Shrestha, ICIMOD

Ramesh Vaidya, ICIMOD Fellow and Senior Advisor

Thim Ly, Regional water policy and planning expert, Mekong River Commission Secretariat, Thailand

Hari Bahadur Thapa, Senior Divisional Engineer, Water and Energy Commission Secretariat, Nepal

Shubhuti Kiran Ghimire - ICIMOD

Rapporteur: Sarthak Shrestha, Remote Sensing & Geoinformation Associate, ICIMOD

Time	Activity	Resource person/s
09:00 - 09:15	Registration	
09:15 - 09:30	Overview of the module	Arun B Shrestha
09:30 - 10:00	Principles and approaches for Integrated Water Resources Management (IWRM) and Integrated River Basin Management (IRBM)	Ramesh Vaidya
10:00 - 10:20	Policy and institutions for IRBM	

10:20 - 10:40	Presentation: Upstream-downstream linkages and multi-scale IRBM in the HKH context as a means to address biophysical and socio-economic challenges for the HKH region	Arun B Shrestha
10:40 - 11:10	Experiences of IRBM implementation and challenges <ul style="list-style-type: none"> • International experience: Mekong • IRBM implementation in Nepal: Challenges and opportunities. 	Thim Ly; Hari Bahadur Thapa
11:10 - 11:20	Tea	
11:20 - 12:20	Group work: Opportunities and challenges from participant's viewpoints for implementing IRBM (Guiding questions for group work provided)	Arun B Shrestha; Shubhuti Kiran Ghimire
12:20 - 12:30	Questions, discussion, and reflection on the module from participants	Arun B Shrestha
12:30 - 1:30	Lunch	

Module 2: Understanding tools and approaches to IRBM

Resource person: Faisal Mueen Qamer, ICIMOD

Shubhuti Kiran Ghimire, ICIMOD

Rongkun Liu, Analyst Indus Koshi China Focal Point, ICIMOD

Manish Shrestha, Hydrologist, ICIMOD

Sarthak Shrestha – Remote Sensing and Geo Information Associate, ICIMOD

Bikram Shakya, Geospatial Application Development Analyst, ICIMOD

Sudip Pradhan - Geospatial Application Development Specialist

Rapporteur: Shailendra Shakya, CBFWS Design Consultant, ICIMOD

Time	Activity	Resource person/s
13:30 - 14:00	Introduction of module How analytical tools help in IRBM?	Faisal Mueen Qamer
14:00 - 14:30	Hydrological modelling in river basin management (Disaster management perspective)	Faisal Mueen Qamer; Manish Shrestha
14:30 - 15:15	Demonstration of climate and water risk management tools (HiWAT/Drought)	Manish Shrestha; Sarthak Shrestha
15:15 - 15:30	Tea	
15:30 - 16:00	Role of data and information DSS (Hi-CHAP, IKPP, KBIS) demonstration and hands on exercise	Bikram Shakya; Sudip Pradhan
16:00 - 16:30	Interaction based on drivers, pressures, state, impact, and response model of intervention (DPSIR model)	Rongkun Liu; Shubhuti Kiran Ghimire
16:30 - 16:45	What did I learn today?	Faisal Mueen Qamer

Day 2: 27 September 2024

Venue: Kanchenjunga Hall, ICIMOD Headquarters

Time: 09:00

Module 3: Empowering Youth leadership and integrating GESDI within IRBM

Resource person: Aditya Bastola, GESI Consultant, ICIMOD

Shiba Baskota, Gender Equality and Social Inclusion Lead, ICIMOD

Sandhya Sigdel, Assistant Chief District Officer, National Disaster Risk Reduction and Management Authority (NDRRMA), Nepal

Rapporteur: Vuyasi Rajbhandari, Consultant, ICIMOD

Time	Activity	Resource person/s
09:15 - 9:30	Participatory introduction of participants	Aditya Bastola
09:30 - 9:45	Expectation and objectives of the module	Aditya Bastola
Session I: Understanding youth leadership and GESDI concepts		
09:45 - 11:00	Understanding GESDI key concepts - gender, sex, disability, identities, equity, equality, gender roles	Aditya Bastola; Shiba Satyal Baskota; Sandhya Sigdel
11:00 - 11:15	Tea	
11:15 - 11:45	Understanding youth, leadership, STEM and Water institutions	Aditya Bastola; Shiba Satyal Baskota
Session II: Gender, Youth, Society and the River Basin System		
11:45 - 12:30	Gender in day-to-day practice and role of youth in water resource management.	Aditya Bastola; Shiba Satyal Baskota
12:30 - 13:30	Lunch	
Session III: Enacting GESDI		
13:30 - 14:00	IRBM and GESI: Unpacking the different dimensions of GESDI	Shiba Satyal Baskota; Aditya Bastola
Session IV: GESDI mainstreaming in water resource management		
14:00 - 15:00	GESDI mainstreaming and analysis tools	Aditya Bastola; Shiba Satyal Baskota
15:00 - 15:15	Tea	
Session V: Case study and group discussion		
15:15 - 16:15	Group work (3): 1. Water Policy Analysis – Case of Nepal 2. Case Study: Differential water usage	Aditya Bastola; Shiba Satyal Baskota
16:15 - 16:30	Groups report back	Group lead
16:30 - 16:45	Feedback and evaluation (Head, Heart, and the Hand)	Aditya Bastola; Shiba Satyal Baskota

Day 3: 28 September 2024 (Saturday) - Break

Day 4: 29 September 2024

Venue: Kailash Hall, ICIMOD Headquarters

Time: 09:00

Module 4: Institutional framework and governance

Resource person: Avash Pandey, Policy Analyst, ICIMOD

Kapil Gnawali, Senior Divisional Hydrologist, WECS, Nepal

Medha Bisht, Associate Professor, South Asian University, India

Faisal Mueen Qamer, ICIMOD

Rongkun Liu, ICIMOD

Nitin Kaushal, Director, Rivers and Wetlands, World Wildlife Fund, India

Rapporteur: Shubhuti Kiran Ghimire, ICIMOD

Time	Activity	Resource person/s
09:00 - 09:15	Registration	
09:15 - 09:35	Concept of adaptive governance: Role of youth in influencing decision making	Avash Pandey
09:35 - 09:55	Experience sharing on adaptive governance - Kamala Basin	Kapil Gnawali
09:55 - 10:15	Networked Governance for River Basins	Medha Bisht
10:15 - 10:30	Discussion session	
10:30 - 11:10	Experience sharing on adaptive governance - Ganges - Indus	Nitin Kaushal; Faisal Mueen Qamer
11:10 - 11:20	Discussion session	
11:20 - 11:30	Tea	
11:30 - 11:45	Adaptive governance	Nitin Kaushal
11:45 - 12:15	Institution and governance approach on river basin management: Introduction to Governance Decision Tree: Group work on decision making tree	Avash Pandey
12:15 - 12:30	Group presentations	
12:30 - 13:30	Lunch	

Day 4: 29 September 2024

Venue: Kailash Hall, ICIMOD Headquarters

Time: 13:30

Module 5: Water diplomacy and transboundary corporation

Resource person: Arun B Shrestha, ICIMOD

Avash Pandey, Policy Analyst, ICIMOD

Péter Kovács, Water Director, Hungary

Rongkun Liu, ICIMOD

Rapporteur: Chimi Seldon, ICIMOD

Time	Activity	Resource person/s
13:30 – 14:00	Presentation on principles, challenges and benefits of transboundary cooperation	Avash Pandey; Arun B Shrestha
14:00 – 15:00	Basin management case study 1	Péter Kovács
	Basin management case study 2	TBD
15:00 - 15:15	Tea	
15:15 - 16:25	Discussion on transboundary cooperation and group presentation	Avash Pandey; Arun B Shrestha; Rongkun Liu
16:25 – 16:40	What did I learn today?	Arun B Shrestha

Day 5: 30 September 2024

Start Time: 09:15

Venue: Living Mountain Lab, Godavari

Module 6: Communications and outreach

Resource person: Chimi Seldon, Communication Officer, ICIMOD
 Annie Dare, Head of Communications, ICIMOD
 Vuyasi Rajbhandari, Consultant, ICIMOD
 Anshu Pandey, Media Associate, ICIMOD
 Neraz Tuladhar, Media Officer, ICIMOD
 Legyaan Thapa, Communication support intern, ICIMOD

Rapporteur: Paridhi Shrestha, IYGP-Intern, ICIMOD

Time (NPT)	Activity	Resource Person
08:00 - 9:15	Departure from Hotel Himalaya	
09:15 - 9:30	Registration	
09:30 – 9:40	Case studies of successful implementation and why	Chimi Seldon; Vuyasi Rajbhandari
09:40 – 10:00	Communicating IRBM: Why important to talk about your work What we can do today	Annie Dare
10:00 – 11:00 (working tea)	Workshop on communicating IRBM Objective, audience, channel	anchors: Chimi Seldon; Vuyasi Rajbhandari; Anshu Pandey; Neraz Tuladhar

Module 7: Operational aspects of water resource management

Resource person: Neera Shrestha Pradhan, ICIMOD
 Vijay Khadgi, Flood Preparedness and Early Warning Analyst, ICIMOD
 Finu Shrestha, Remote Sensing and Geo-information Analyst, ICIMOD
 Sharad Joshi, Cryosphere Analyst, ICIMOD
 Sanjeev Bhuchar, Senior Watershed Management Specialist, ICIMOD
 Pradeep Dangol, Senior Hydrology Research Associate, ICIMOD
 Shailendra Shakya, ICIMOD

Rapporteur: Rongkun Liu, ICIMOD

Time (NPT)	Presentation Topic	Resource person/s
Context Setting		
11:00 – 11:10	Introduction to the module objectives, sessions, and resource persons	Neera Shrestha Pradhan
11:10- 11:30	Understanding physical, human resources, GESI issues and opportunities	
Practical solutions		
11:30 – 12:00	Glacial Lake Outburst Floods and GESI	Finu Shrestha
12:00 – 12:30	Spring shed management and GESI	Sanjeev Bhuchar
12:30 – 13:30	Lunch	
13:30 – 14:00	Integrated flood management and GESI	Vijay Khadgi; Pradeep Dangol; Shailendra Shakya
14:00 – 14:30	Nature based Solutions for river basin management	Saswata Sanyal; Shailendra Shakya; Neera Shrestha Pradhan
14:30 – 16:00	Tour of solution sites in the Living Mountain Lab	ICIMOD team
16:00 – 16:15	Learnings and closing: Take home messages by participants and closing	Neera Shrestha Pradhan
16:15 – 16:45	Introduction and objectives of learning visit to Koshi basin	Vijay Khadgi; Shailendra Shakya
16:45 – 17:00	Tea	
17:15	Travel to Dhulikhel	

Day 6, 7 and 8: 1 – 3 October 2024

Module 8: Linking IRBM theory to practice: Learning visit to the Koshi Basin in Nepal and Mekong Sub region in Thailand

Field visit to Koshi River basin

Resource Person: Vijay Khadgi, Flood Preparedness and Early Warning Analyst, ICIMOD

Date	Activities
30 September 2024	Night Stay at Dhulikhel
01 October 2024	Morning: Module 6: Communication and outreach (techniques for capturing learning highlights of field visits) Programme Visit to: - Hydro-met station @ Barabise - Jure landslide site - Sun Koshi Hydro-Power Station - Balephi confluence - Zero kilo - Bela
	Night Halt at Mulkot.

02 October 2024	<p>Programme Visit</p> <ul style="list-style-type: none"> - Seepage water raising - Bhiman - Nature-based solution site visit - CBFEWS station in Ratu River, Bardibas - Group interactions at hotel, Bardibas <p>Night halt at Bardibas</p>
03 October 2024	<p>Programme Visit to:</p> <ul style="list-style-type: none"> - Solar power irrigation pumps in Kalyanpur - CBFEWS station in Khando river, Saptari - Koshi barrage and Koshi embankment breach site - Reflections and closing session - Travel back to KTM

Day 9 to 15: 4 – 9 October 2024

Module 8: Linking IRBM theory to practice: Learning visit to the Koshi Basin in Nepal and Mekong Sub region in Thailand

Field visit to Mekong Sub region in Thailand

Resource Person: Vijay Khadgi, ICIMOD
 Shubhuti Kiran Ghimire, ICIMOD

Date	Activity
04 October 2024	Travel to Bangkok
05 October 2024	Travel to Pa Sak Cholasit Dam (Pa Sak Basin, 2.5 hours) in Lopburi and Saraburi provinces on hydropower, flood control, and irrigation in the middle Chao Phraya watershed.
	Travel to Nakhon Ratchasima province (Lam Takhong area, 1 hour), and engage with the Royal Irrigation Department office in the Lam Takhong area (upper Mun River Basin, a sub-basin of Mekong basin)
	Visit Electricity Generating Authority of Thailand (EGAT)'s Lam Takhong learning centre
06 October 2024	Visit Lam Takhong Hydropower Station
	Visit Khao Yai National Park
	Night in Khon Kaen
07 October 2024	Visit Mekong Institute and SEI
	Middle Chi River basin
	Night halt in Bangkok
08 October 2024	Closing session
09 October 2024	Return to home countries