

Programme agenda

DAY 1 – (TUESDAY, 22 OCTOBER 2019)	
09:00–09:30	Registration
	Session 1: Opening session
	Rapporteur: Utsav Maden, ICIMOD
	Forum background and objectives – Ghulam Rasul, ICIMOD
	Welcome remarks – Basanta Raj Shrestha, ICIMOD
09:30–10:15	Opening remarks – Adriana Hayes, Acting Mission Director, USAID/Nepal
	Remarks – Abdoulaye Harou, World Meteorological Organization (WMO)
	Remarks – Walter Lee Ellenburg, NASA SERVIR Science Coordination Office (SCO)
	Vote of thanks – Birendra Bajracharya, ICIMOD
10:15–10:45	<i>Group photograph/tea break</i>
	Session 2: Regional-scale flood forecasting systems
	Moderator: Arun Bhakta Shrestha, ICIMOD
	Rapporteurs: Achut Pandey and Finu Shrestha, ICIMOD
	Keynote
	GEOGLOWS: Revolutionizing the delivery of water information – Jim Nelson, Brigham Young University
	Presentation on regional flood forecasting systems
	Real-time monitoring and flood outlook for reduced flood risks in the Ganges Brahmaputra basin– Mandira Shrestha, ICIMOD
10:45–12:45	Streamflow forecasting applications in the HKH region – Mir Matin, ICIMOD
	Experiences of the Office of U.S. Foreign Disaster Assistance (OFDA) in disaster assistance and best practice recommendations in establishing regional flood forecasting systems – Michael Ernst, USAID/OFDA
	Strengthening flood forecasting and warning in the Lower Mekong Region – Senaka Basnayake, Asian Disaster Preparedness Center (ADPC)
	Flash flood forecasting in Bangladesh using open-source tools and techniques – A K M Saiful Islam, Bangladesh University of Engineering and Technology
	Panel discussion
12:45–13:45	<i>Lunch</i>
	Session 3: Status of flood forecasting in HKH countries
	Moderator: Jim Nelson, Brigham Young University
	Rapporteurs: Sunil Thapa and Sravan Shrestha, ICIMOD
	Presentations by country representatives on national forecasting systems
	Status of flood forecasting and EWSs in Afghanistan
	Flood forecasting system in Bangladesh: Status, gaps, and way forward – Md Arifuzzaman Bhuyan, Flood Forecasting and Warning Centre, Bangladesh
13:45–15:15	Status of flood forecasting and EWSs in Myanmar – Lha Myint, Department of Meteorology and Hydrology, Myanmar
	Status of flood forecasting and EWSs in Bhutan – Tandin Wangchuk, National Center for Hydrology and Meteorology, Bhutan
	Status of flood forecasting and EWSs in Pakistan – Nadia Rehman, Global Change Impact Studies Centre, Pakistan
	Panel discussion

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15:15–15:45 *Tea break*

Session 4: Seasonal outlooks

Moderator: Cedric David, NASA Jet Propulsion Laboratory

Rapporteurs: Finu Shrestha and Sravan Shrestha, ICIMOD

15:45–16:45 Presentations on sub-seasonal to seasonal (S2S) prediction in the HKH region
Seasonal forecasting using the South Asia Land Data Assimilation System – Faisal M Qamer/Mir Matin, ICIMOD
Improving Agricultural Resilience to Drought in the Lower Mekong Region with Seasonal Outlooks – Senaka Basnayake, ADPC
Q&A/ discussion

16:45–17:00 The HIMAP Assessment Report – Eklabya Sharma, Deputy Director General, ICIMOD,

17:30–20:00 *Reception dinner*

DAY 2 (WEDNESDAY, 23 OCTOBER 2019)

09:00–09:15 Recap of Day 1

Session 5: Regional-scale extreme weather forecasting

Moderator: Ghulam Rasul, ICIMOD

Rapporteurs: Timothy Mayer, NASA SERVIR SCO, and Achut Pandey, ICIMOD

Keynote: WMO Severe Weather Forecasting Demonstration Project and its challenges and achievements of relevance to the regional-scale weather forecasting efforts – Adboulaye Harou, WMO

09:15–11:15 **HIWAT:** A tool for probabilistic forecasting of extreme weather in the HKH and Mekong regions – Patrick Gatlin, NASA Marshall Space Flight Center
Extreme weather forecasting at the India Meteorological Department – D R Pattanaik, India Meteorological Department
Climate and Weather Forecasting in Bangladesh – Md Muzammel Haque Tarafder, Bangladesh Meteorological Department
GIS based hydro-met coupled model for operational flood early warning in India – Diganta Barman, North Eastern Space Applications Centre, India
Panel discussion

11:15–11:30 *Break*

Session 6: Social components of EWSs, communicating risks, and community-based forecasting

Moderator: Amanda Markert, NASA SERVIR SCO

Rapporteurs: Ganesh Bhattarai and Tenzing C Sherpa, ICIMOD

Presentations

From a post-disaster approach to pre-disaster action in Nepal – Priyanka Singh, World Food Programme
Impact-based forecasting for early action in Bangladesh: Floods and cyclones – Ahmadul Hassan, Red Cross Red Crescent Climate Centre, Bangladesh
Community Based Flood Early Warning System – Neera Shrestha Pradhan, ICIMOD
Reaching the Last Mile: Challenges and Lessons from Flood Early Warning System in Nepal – Madhab Uprety, Practical Action
Integrated Model of Disaster Risk Reduction (DRR) and Market System Development - Dambar Bohara and Dinee Tamang, Mercy Corps
Gender aspects of early warning – Chanda Gurung Goodrich, ICIMOD
Q&A/ discussion

13:00–14:00 *Lunch*

DAY 2 (WEDNESDAY, 23 OCTOBER 2019)

14:00–15:00 **Session 7: Challenges and way forward**

Moderators: Walter Lee Ellenburg, NASA SERVIR SCO, and Santosh Pathak and Mir Matin, ICIMOD

Breakout session

The breakout session will focus on challenges brought up during the conference. Participants will discuss approaches for addressing these challenges. Potential topics include:

Challenges presented by production of EWSs

Dissemination of early warning

Ensuring use

15:00–15:30 *Tea break*

15:30–16:30 **Session 7: Reporting back on challenges and way forward**

Moderators: Walter Lee Ellenburg, NASA SERVIR SCO, and Mir Matin, ICIMOD

Group reporting

Moderated discussions

16:30–17:00 *Wrap up and closing*