



**WMO Third Pole
RCC Network**
(In Demonstration Phase)



THE 3rd SESSION OF THE THIRD POLE CLIMATE FORUM
and
MEETING OF THE THIRD POLE RCC-NETWORK TASK TEAM

3 – 5 June 2025

Mahika Hall

Ministry of Earth Sciences (MoES)

Prithvi Bhawan, Lodi Road

New Delhi, India

PROVISIONAL AGENDA (draft)

Day 1: Tuesday 3 June 2025

09:00 – 10:00 REGISTRATION

1. Opening session

Moderator: Dr Vijay Kumar Soni (IMD)

(On Dias – PR/Representatives of China, India, Pakistan, WMO, Secretary MoES, HMoES)

10:00 – 11:00	Welcome Address by Host	
	IMD	Dr M. Mohapatra, Director General (IMD, PR of India with WMO and Third Vice-President of WMO)
10:00 – 11:00	Opening statements	
	WMO	Mr Wilfran Moufouma Okia (Chief, WMO/RCP)
	WMO Services Commission	Chair of SC-CLI (or SERCOM Vice President)
	WMO Infrastructure Commission	TBD
	CMA – TPRCC-Network Northern Node	Ms Jiashuang Yuan (Deputy Director General, NCC/CMA)
	PMD – TPRCC-Network Western Node	Mr Sahibzad Khan (PR of Pakistan with WMO)
	UNESCAP	Mr Sanjay Srivastava (Chief, DRR, ESCAP)
	Address by Chief Guest	Dr M. Ravichandran, Secretary, MoES
11:00 – 11:30	Information about the local logistical arrangements	Secretary, Ministry of Earth Sciences (MoES)
	GROUP PHOTO and HEALTH BREAK	

2. Global and regional scale data for climate monitoring and prediction over Third Pole Region

Chair: Yuan Jiashuang (CMA)

Rapporteur: Anikender Kumar (IMD)

11:30 – 11:45	Tour de table	All participants
11:45 – 11:55	WMO Integrated Processing and Prediction System (WIPPS)	Eunha Lim (WMO) and Rodica Nitu (GCW)
11:55 – 12:05	Observed and Reanalysis data, products and services for Third Pole Region	Vijay Kumar Soni (IMD)
12:05 – 12:15	Bridging the data gaps for climate and cryosphere services	TBD (ICIMOD)
12:15 – 12:25	Development of Global Daily Snow Depth Dataset and its Applications in the Third Pole Region	Wenhui Xu (NMIC/CMA) – online
12:25 – 12:35	Hydrological data and products for TP region	Khalzan Purvedagva (SC-HYD)
12:35 – 12:45	Himalayan Cryospheric Applications using Space Based Observations	Praveen K. Gupta (Cryosphere Sciences Division, Space Applications Centre ISRO, Ahmedabad)
12:45 – 12:55	Snow and Glacier Hydrology TBC	TBC (National Institute of Hydrology, Roorkee)
12:55 – 13:05	Monitoring of Himalayan Glaciers using Space and Ground based Observations	TBC (WIHG)
13:05 – 13:30	Q&A and discussion	All participants
13:30 – 14:30	LUNCH BREAK	

2. Recent scientific advances in understanding and modelling of climate and cryosphere in High Mountain Asia region

Chair: Vineet Gahlaut (Wadia Institute of Himalayan Geology)

Rapporteur: Akhilesh Mishra (NCMRWF)

14:30 – 14:40	Modelling activities at NCMRWF for weather and climate forecast in mountain region	Akhilesh Mishra (NCMRWF)
14:40 – 14:50	High-resolution global climate modeling for the Third Pole Region	TBD (IITM)
14:50 – 15:00	Cryosphere monitoring and forecasting of climatic changes in the Tien-Shan	Bolot Moldobekov (Director of CAIAG)
15:00 – 15:10	Increasing disaster risks over high mountain Asia under warming climate	Cunde Xiao (Director of State Key Laboratory of Earth Surface Processes and Resource Ecology, Beijing Normal University, China)
15:10 – 15:20	GLOF and glacier collapse hazards in the Third Pole: process, risk assessment and early warning	Weicai Wang (TPE) – online
15:20 – 15:30	Enhancing monitoring and observation systems in the Third Pole region	Maria Shahgedanova (MRI)

15:30 – 16:00	HEALTH BREAK	
16:00 – 16:10	The Melting Cryosphere and Future Projections in the NW Himalaya	Romshoo (Islamic Univ, Srinagar)
16:10 – 16:20	Spire's AI foundational model for sub-seasonal to seasonal prediction	Nachiketa Acharya (Spire Global Inc.) – <i>online</i>
16:20 – 17:00	Discussion	
17:00	CLOSURE OF DAY 1	
19:00 – 22:00	Cultural programme followed by dinner hosted by Ministry of Earth Sciences at CSOI	

Day 2: Wednesday 4 June 2025

3. Seasonal Climate Monitoring and Prediction: Global and Regional Perspectives

Brief overview of current conditions of the global drivers, and main climate patterns, such as temperature and precipitation over TP region and their possible evolution

Chair: Lijuan Ma (CMA)

Rapporteur: TBD

09:00 – 09:20	Current state of climate over the Third Pole	Lijuan Ma (CMA) and Vijay Kumar Soni (IMD)
09:20 – 09:30	Himalayan Environment	Thamban Meloth (NCPOR)
09:30 – 09:40	WMO Global Seasonal Climate Update: climate monitoring and seasonal outlook for JJA 2025	Wilfran Moufouma Okia (WMO)
09:40 – 09:50	Monitoring and seasonal outlook of large-scale circulation patterns and focus on TP region	TBC (APEC Climate Centre (APCC))
09:50 – 10:20	Snow prediction and verification from WMO GPCs-SP: <ul style="list-style-type: none"> CMCC ECMWF ECCC 	TBD (CMCC) TBD (ECMWF) TBD (ECCC)
10:20 – 10:30	Seasonal prediction objective approach: concept and demonstrated advantages in SASCOF outlook production	Sreejith Op (RCC Pune, IMD)
10:30 – 10:40	Extended-Range Forecast Products for South Asia	TBD (IMD)
10:40 – 10:50	Snow monitoring and prediction (verify the content to decide the relevant session)	TBC (MRI)
10:50 – 11:30	HEALTH BREAK	

4. Seasonal Climate Monitoring and Prediction: National Perspectives

Representatives of National Meteorological and Hydrological Services in the Third Pole region are invited to present a brief (10 min) overview of the current climate conditions in the country and a national outlook for JJAS 2025 with special reference over Mountain region (10 min)

Chair: Rupa Kumar Kolli (SC-CLI)

Rapporteur: TBD

11:30 – 11:40	Afghanistan	Khayber Rahmani TBC
11:40 – 11:50	Bangladesh	Shadekul Alam
11:50 – 12:00	Bhutan	TBD
12:00 – 12:10	China	Daquan Zhang
12:10 – 12:20	India	Anikender Kumar
12:20 – 12:30	Kazakhstan	Tursyn Tillakarim
12:30 – 12:40	Kyrgyzstan	Anastasiia Kliuchareva
12:40 – 12:50	Mongolia	Khalzan Purvedagva
12:50 – 13:00	Myanmar	Tun Lin Kyaw
13:00 – 13:10	Nepal	Bibhuti Pokharel
13:10 – 13:20	Pakistan	Gohar Ali
13:20 – 13:30	Tajikistan	Nasri Khurosonieva
13:30 – 14:30	LUNCH BREAK	
4. Seasonal Climate Monitoring and Prediction: National Perspectives <i>Representatives of National Meteorological and Hydrological Services in the Third Pole region are invited to present a brief overview of the current climate conditions in the country and a national outlook for JJAS 2025 with special reference over mountain region (10 min)</i> Chair: Rupa Kumar Kolli (SC-CLI) Rapporteur: TBD		
14:30 – 14:40	Uzbekistan	TBD
14:40 – 15:00	Q&A and discussion	
15:00 – 15:30	HEALTH BREAK	
5. Development of Consensus Outlook for JJAS 2025 <i>Open discussion summarizing the available indicators and reviewing the pre-developed consensus statement</i> Chair: Eunha Lim (WMO) Rapporteur: TBD		
15:30 – 16:00	Evaluation of TPCF-1 and TPCF-2 Outlook	Jingpeng Liu (CMA)
16:00 – 17:00	Pre-Consensus outlook for JJAS Season 2025	Jingpeng Liu (CMA) Shahzad Sultan (PMD) Vijay Kumar Soni (IMD)
17:00 – 17:30	UNESCAP – Demonstration of Impact Based Forecasting tool using TPCF-3 outlook	Sanjay Srivastava (UNESCAP) and S. Avi (UNESCAP)
17:30 – 18:00	Open discussion on the seasonal outlook and consensus statement	Moderated by Chair
18:00	CLOSURE OF DAY 2	
19:00 – 21:00	Dinner hosted by IMD	

Day 3: 5th June 2025 (Thursday)

7. Users Forum: Application of Climate Service Products for decision support in different sectors

This session is intended to discuss about potential impacts and applications of climate information in decision making process for specific users. All agencies mentioned below are tentative for discussion among organizing committee and open for suggestions.

Chair: Wilfran Moufouma Okia (WMO)

Rapporteur: TBD

09:00 – 09:30	Presentation of TPCF-3 consensus statement	Lijuan Ma (CMA)
09:30 – 09:45	Extreme events observed during [season] over the Third Pole region	TBD (PMD)
09:45 – 10:00	RCC Beijing??	Daquan Zhang (CMA)
10:00 – 10:15	Experience on the Applications and Disaster Risk Reduction in Third Pole Region	Sanjay Srivastava (UNESCAP)
10:15 – 10:30	Climate and Health over the Mountain regions	TBD (National Centre for Disease Control (NCDC) (India) / WHO-SEA (New Delhi, India))
10:30 – 10:45	Climate Information for Food Security and Nutrition in Third Pole	TBD (WFP)
10:45 – 11:00	Potential demand for TPCF products to support preparedness, prevention and risk reduction in the framework of EW4All	Tarakesh Lakshman (RIMES)
11:00 – 11:30	HEALTH BREAK	

7. Users Forum: Application of climate service products for decision support in different sectors (cont-d)

This session is intended to discuss about potential impacts and applications of climate information in decision making process for specific users.

Chair: Sanjay Srivastava (UNESCAP)

Rapporteur: TBD

11:30 – 12:20	Transport Power Water Health Disaster Management Authorities	All participants
12:20 – 12:45	Open discussion on users engagement, their requirements, and way forward for addressing their needs by TPRCC-Network	All participants
12:45 – 13:00	Challenges, requirements, and opportunities to address users' needs	All participants
13:00 – 13:20	Way forward towards sustained TPCF: frequency, hosting, role of TPRCC-Network Nodes and key partners	Moderated by Chair
13:20 – 13:30	CLOSURE OF TPCF-3	TBD (IMD) Wilfran Moufouma Okia (WMO)

13:30 – 14:30	LUNCH BREAK	
MEETING OF THE THIRD POLE RCC-NETWORK TASK TEAM		
Chair: Lijuan Ma (CMA) Rapporteur: Secretariat – TBD Participants: all members of TPRCC-Network task team / JET-TPRCC		
14:30 – 15:30	Discussion on the key findings, recommendation and conclusion made at TPFC-3, gaps and aspects to be improved in TPCF process, role of TPRCC-Network	Moderated by Chair
15:30 – 16:00	HEALTH BREAK	
16:00 – 16:30	Discussion on the ongoing demonstration phase of TPRCC-Network: <ul style="list-style-type: none"> • Climate data • Climate monitoring • Seasonal Prediction • Training • Engagement with Stakeholders 	Wilfran Moufouma Okia (WMO) Lijuan Ma (CMA) Pengling Wang (CMA) Shahzad Sultan (PMD) Vijay Kumar Soni (IMD) All members
16:30 – 17:00	A summary of recommendations and action plan on the way forward towards the sustained operations of TPCF and WMO designation of TPRCC-Network (including frequency, hosting, role of TPRCC-Network Nodes and key partners)	Wilfran Moufouma Okia (WMO) Lijuan Ma (CMA)
17:00	CLOSURE OF THE MEETING	TBD