



Concept Note

Third Pole Regional Climate Centre (TPRCC) Network 2nd Third Pole Climate Forum (TPCF2) 28-29 November 2024, from 07:00 to 10:00 UTC Online

The **Third Pole Climate Forum (TPCF)** is a pivotal event aimed at fostering regional collaboration and advancing climate research, monitoring, and early warning systems for the Third Pole region, which includes the Himalayan, Tibetan Plateau, and Karakoram regions. The Third Pole Regional Climate Centre (TPRCC) Network coordinates the TPCF activities. It was agreed to convene TPCF sessions twice a year, in May for summer monsoon season (JJAS) and in November for winter season (DJF). The Inaugural session of TPCF was held in-person in 4-6 June 2024 in Lijiang (China) hosted by CMA.

The second session of TPCF (TPCF-2) will be held virtually on **28-29 November 2024, from 07:00 to 10:00 UTC** hosted by Pakistan Meteorological Department (PMD). It will bring together experts, stakeholders, and meteorological agencies to discuss and assess the current climate status, including high-impact events, verify previous seasonal forecasts, and strategize future climate actions.

Purpose and Objectives

TPCF-2 is designed to build on the outcomes of the **TPCF-1** and address key climate challenges faced by the Third Pole region. The main objectives of the forum are to:

- Review the regional climate monitoring and seasonal forecasts for the **2024/2025 winter season**, focusing on the atmospheric patterns and snow cover extent.
- Validate the **summer 2024 (JJAS)** climate outlook and assess the performance of previous seasonal forecasts.
- Discuss the consensus statement (CS) approach and its implications for climate resilience in the region, particularly in terms of high-impact events such as extreme temperatures, precipitation, and snow cover.
- Foster knowledge exchange between the lead nodes, partners, and stakeholders on methods for improving the forecasting models and regional climate monitoring tools.

- Strengthen the regional cooperation among meteorological agencies and stakeholders involved in the TPRCC-Network.

Expected Outcomes

TPCF-2 aims to achieve several important outcomes:

- A **Consensus Statement (CS)**, including climate review for the past season and insights into temperature and precipitation outlooks for the winter season over the Third Pole region.
- A detailed analysis and verification of the **summer 2024 (JJAS)** forecasts, with lessons learned and recommendations for improving future seasonal outlooks.
- Strengthened collaboration and knowledge exchange among the consortium members, and other stakeholders involved in regional climate monitoring and forecasting.
- Increased capacity for addressing the climate challenges faced by the region, especially in terms of extreme climate events and their socio-economic impacts.
- Enhanced coordination for the continued development and operation of the **TPRCC Network**.

Expectations from Participants

Participants are expected to actively engage in the discussions and share their valuable insights on the seasonal forecasts, monitoring systems, and climate impacts specific to their respective regions.

Furthermore, participants are encouraged to:

- Provide **one-pager information** on the verification of the **summer 2024 (JJAS)** forecasts, comparing the predicted outcomes with observed conditions.
- Share their **expectations for TPCF-2**, particularly in relation to the products and services offered by the forum.
- Contribute to the **high-impact events overview** by sharing details of significant events that occurred in their regions during June to October 2024.

These inputs could be submitted to PMD via email at pakmet_islamabad@yahoo.com or shahzad.sultan@gmail.com for inclusion in the forum discussions not later than November 26, 2024.

Conclusion

The TPCF-2 is an essential event for fostering collaboration and improving the scientific understanding of climate dynamics in the Third Pole region. The forum aims to strengthen climate resilience, improve early warning systems, and refine the tools and methodologies used for climate monitoring and forecasting. The discussions and outcomes of this forum will play a crucial role in providing better climate adaptation strategies and responses to emerging climate challenges.

We look forward to your participation and valuable contributions to this important event.