



Roadmap to integrated mountain cryosphere observation and information system

Side event/Co-hosted by TPE and WMO/GCW

Co-chairs:

Tandong Yao – co-chair Third Pole Environment programme
Árni Snorrason – chair, Global Cryosphere Watch Steering Group

Date: 2019 October 30, 17:15
World Meteorological Organization
Geneva, Switzerland

Program Overview:

Item 1: 1715 – 1720

Introduction by session Chairs on session expectations/outcomes

- T Yao: TPE program - observation and data strategy
- A Snorrason: GCW program activities and links to TPE and other programs

Item 2: 1720 – 1800

Cryosphere Observations and their links to monitoring/predictions: (40 min) 7 talks, 5 min each

Panel Members

- D. Chen: the importance of high mountain observations to integrated mountain prediction
- L. Thompson: The Demise of Low-Latitude Glaciers
- O. King: Glacier mass loss in the Third Pole: Understanding spatial and temporal variability
- F. Zhang: hydrology and water chemistry observation and data
- D. Aryal: Automatic weather stations at extreme elevations
- V. Aizen: Central Asia mountain glacier observation and data
- C. Fierz – GCW observing program

Item 3: 1800 – 1820

Integrated cryosphere information system: a collaborative approach to facilitate consistent access to data and information at large scale (30 min)

Panel members:

- X. Li: TPE/ITP big data system
- Øystein Godoy: GCW Data Portal and FAIR principles
- Mathias Bavay: GCW Data Interoperability and Standardization

Item 4: 1820 - 1840

Open discussions (20 minutes): led by D. Chen; L Thompson, and Ø Godoy.

Item 5: 1840 - Wrap up (5 minute total): final comments by Yao/Thompson and Snorrason