

ICGdR-T14 Workshop on Glacier Surges Held in Nyingchi, China

On 19 August 2026, the Workshop on Glacier Surges was held in Nyingchi, Xizang Autonomous Region, China. The workshop was organized by TC-14: Committee on Climate Change and Cascading Geo-Hazards of the International Consortium on Geo-disaster Reduction (ICGdR-CCCCG). Researchers from Tongji University, the Institute of Geomechanics, Chinese Academy of Geological Sciences, the University of Cambridge, King's College London, the University of Padua, and Tribhuvan University participated in the event.



The workshop was co-chaired by Prof. Xin Yao from the Institute of Geomechanics, Chinese Academy of Geological Sciences, and Prof. Fawu Wang from Tongji University.

At the beginning of the workshop, Prof. Fawu Wang warmly welcomed all participating researchers. Prof. Xin Yao then presented research conducted by his team on glacier surges in the northeastern Pamir, with a focus on field characteristics and remote sensing observations of such events. He also introduced the team's recent studies on avalanche hazards in southeastern Tibet, covering field monitoring, numerical simulation, and remote sensing observations, and shared their systematic understanding of avalanche hazards in the region.

Dr. Maximillian Van Wyk de Vries from the University of Cambridge provided comments

and joined the discussion based on his research experience in glaciers and multihazard processes. Prof. Ranjan Kumar Dahal from Tribhuvan University also contributed to the discussion, drawing on his extensive research experience in the Himalayas. During the exchange, Dr. Lorenzo Nava from King's College London briefly shared his research on AI-based landslide simulation.

Participants also discussed the possibility of glacier surges occurring in several glaciers of southeastern Tibet. Students from the participating institutions actively joined the academic exchange.

At the end of the workshop, Prof. Fawu Wang delivered concluding remarks and outlined potential directions for future research and collaboration.

(Drafted By Bo Zhang; Revised by Fawu Wang, Tongji University)