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A G E N D A O F T H E
Side event of the High-Level International Conference on
Glaciers' Preservation:
“Advances in the Study of Tajikistan’s Cryosphere: Current
Achievements and Future Directions”

May 29, 2025 | Dushanbe, Tajikistan

Serena Hotel, Kuhsor Conference Room, 08:30 – 13:00 (40 seats)

Moderators: Sheralizoda Nazrialo, Arnaud Caiserman

08:30-09:00	Registration of participants
09:00-09:30	Opening remarks by the President of the National Academy of Sciences of Tajikistan, Professor Khushvakhtzoda K.H. Opening remarks by the Rector of the University of Central Asia, Professor Christopher G.
09:30-10:00	Group photo, coffee break
Keynote Speeches (15 minutes each)	
10:00-10:15	Sheralizoda N.S. <i>Director, Centre for Glacier Research, NAST. Assessment of the current state and dynamics of Tajikistan’s glaciers under contemporary climate change conditions.</i>
10:15-10:30	Martin Hölzle. <i>Professor, Department of Geosciences, University of Fribourg, Switzerland. Current State of Permafrost in Central Asia</i>
10:30-10:45	Kenji Tanaka, <i>Professor, Disaster Prevention Research Institute, Kyoto University. Utilization of satellite-based solar radiation for glacier melt simulation</i>
10:45-11:00	Navruzshoev H. <i>Research Fellow at the Mountain Societies Research Institute, University of Central Asia, and the Senior researcher at the Center for Glacier Research, NAST. Glacier mass balance in the Gunt river basin, Pamir, Tajikistan</i>
11:00-11:10	Questions and discussions



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Session 1: Cryosphere Degradation and its Impacts (10 minutes each)

11:10-11:20	Martina B. Senior Researcher, Department of Geoscience, University of Fribourg, Switzerland. Cryosphere dynamics in Central Asia: advances from close-to-daily monitoring
11:20-11:30	Kabutov Kh.K. Head of the Glacier Monitoring, Glaciology, Cryosphere and GIS-Technology Department of the Centre for Glacier Research, NAST. Dynamics of glaciers of the Eastern Pamir in modern climatic conditions
11:30-11:40	Sadyrov S. Research Fellow at the Mountain Societies Research Institute, University of Central Asia. Assessment of runoff sources in glacial river basins of the Tien Shan.
11:40-11:50	Questions and discussions

Session 2: Glacial and periglacial hazards

11:50-12:00	Shomakhmadov A. Leading researcher of the Centre for Glacier Research, NAST. Relationship of snow reserves with hydrological regime of the main river basins of Tajikistan for the growing season 2018-2021.
12:00-12:10	Zaginaev V. Research Fellow at the Mountain Societies Research Institute, University of Central Asia. Monitoring of breakthrough-prone high-altitude lakes in Kyrgyzstan.
12:10-12:20	Questions and discussions

Session 3: Field research and innovative methods (10 minutes each)

12:20-12:30	Davlatova M. Researcher, Center for Glacier Research, NAST. The state of glaciers in the Vanj River basin under climate change.
12:30-12:40	Arnaud Caiserman. Associate Director of the Mountain Societies Research Institute, University of Central Asia. Snow Water Equivalent in the Pamirs: Multiyear Remote Sensing and Field-Based Estimates
12:40-12:50	Davlyatova A. Researcher, Center for Glacier Research, NAST. Debris-covered glaciers and the importance of their study in the context of climate change.
12:50-13:00	Questions, discussions, and closing remarks
13:00-14:00	Lunch