



High-Level International
Conference on Glaciers'
Preservation

29-31 May, 2025
Dushanbe, Tajikistan

**HIGH-LEVEL
INTERNATIONAL CONFERENCE
ON GLACIERS' PRESERVATION**

**PROGRAMME BOOK
2025**

CONVENED BY:



PARTNERS:



WORLD
METEOROLOGICAL
ORGANIZATION



CO-ORGANIZERS OF THEMATIC SESSIONS AND FORUMS:



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WELCOME MESSAGES

Dear friends,

It is my great pleasure to invite you to participate in the High-Level International Conference dedicated to Glaciers' Preservation to be held on 29-31 May 2025 in Dushanbe, Tajikistan. This conference is going to be a pivotal point in collective efforts of the international community to address the pressing issue of glaciers' preservation, which is inextricably linked with global warming.

The Conference will be hosted by the Government of the Republic of Tajikistan in cooperation with UN Agencies and other partners according to the United Nations General Assembly resolution A/RES/77/158 adopted on 14 December 2022 declaring 2025 the International Year of Glaciers' Preservation. This initiative is a testament to our commitment to raising awareness and expanding international cooperation to tackle the impact of climate change on glaciers and water resources.

The Conference will provide a unique platform and excellent opportunity for the world community to raise awareness of and to promote and facilitate actions and sustainable measures towards preserving glaciers, as well as its integrated management at all levels through transformative glaciers-related actions and commitments.

Furthermore, the adoption of the United Nations General Assembly resolution declaring 2025-2034 as the International Decade of Action for Cryospheric Sciences is a significant milestone in our efforts to strengthen scientific understanding and develop effective strategies for glacier preservation.



We are convinced that your participation will enhance our endeavors and contribute to raising global awareness about the critical role of glaciers in the context of climate change, and lead to successful implementation of the International Year of Glaciers' Preservation 2025.

We look forward to welcoming you to Dushanbe and seeing your active engagement in the discussions on advancing the climate-related agenda with a special focus on glaciers.

H.E. Mr. Qohir Rasulzoda
Prime Minister of the Republic of Tajikistan
Chairman of the National Organizing Committee

Dear friends,

I would like to thank the Government of the Republic of Tajikistan for hosting this International Conference on Glaciers' Preservation, a pivotal event to be held in Dushanbe from 29 May to 1 June 2025.

The Pamir Mountains in Tajikistan, as well as the Tian Shan and the Hindu Kush Himalayas, are home to an extensive network of glaciers — including some of the largest in the world — and glacial lakes.

Glacial and polar regions cover only 10% of the Earth's surface, but they are essential for all life on our planet. They play a vital role in regulating the climate and store about 70% of the world's freshwater.

We know that climate disruption affects every aspect of life on earth — and glaciers are no exception. Rising global temperatures cause accelerated melting of glacial ice, putting our planet's "white lung" at significant risk.

Recognizing the global impact of these glaciers and the urgency of addressing their rapid melting, the United Nations General Assembly declared 2025 as the International Year of Glaciers' Preservation, on the initiative of Tajikistan — bringing water and cryosphere issues to the forefront of the international agenda.

At UNESCO, we are committed to glacier preservation, with glaciers present in over 120 UNESCO-designated sites, including biosphere reserves, global geoparks and world heritage sites.

In fact, a 2022 UNESCO study highlighted that the glaciers in one third of these world heritage sites are projected to disappear by 2050 — a stark reminder of the need for bold and immediate climate action.



This is why we are committed to advancing education and scientific research and fostering multilateral cooperation on this critical issue.

A worldwide inventory of existing perennial ice and snow masses was first proposed during the International Hydrological Decade, led by UNESCO almost 60 years ago.

Yet, wide gaps remain in glacier monitoring and water resource management — and closing these gaps is a key priority for UNESCO as we coordinate the Decade of Action for Cryospheric Sciences, which began this year. Today, as environmental challenges intensify, the need to tackle these issues — to share knowledge and develop strategies to safeguard the world's glaciers for future generations — has never been more pressing.

Together, let us recognize the urgency of taking global, coordinated action to preserve our world's natural heritage.

I wish you all a successful conference.

Thank you.

Ms. Audrey Azoulay
Director-General of UNESCO

Dear Colleagues and Friends,

It is my great pleasure to welcome you to the International Conference on Glaciers' Preservation 2025, taking place in Dushanbe, Tajikistan.

As global temperatures rise, the melting of glaciers is accelerating at an alarming rate. The State of Global Water Resources 2023 report reveals that glaciers lost over 600 gigatons of water in 2023, the largest mass loss recorded in the past 50 years. While this may temporarily increase downstream water availability, it underscores a critical long-term concern: the reduction in water stored as snow and ice will have profound consequences for the availability of water resources for people, ecosystems, and economies. This highlights the urgent need to stabilize the climate through collective action focused on monitoring, understanding, and mitigating these changes.

A major milestone in this effort is the adoption of the United Nations General Assembly Resolution A/RES/77/158, which declared 2025 as the International Year of Glaciers' Preservation (IYGP 2025) and designated 21 March as the annual World Day for Glaciers (WGD), starting in 2025. This resolution entrusts WMO and UNESCO to co-facilitate the implementation of the IYGP and the observance of the WGD, in cooperation with governments, relevant United Nations organizations and other stakeholders. Together, we are mobilizing global efforts to raise awareness and drive action throughout 2025 and beyond.

As the Secretary-General of the World Meteorological Organization, I want to emphasize that glacier monitoring, research, and related services in high mountain and polar regions are critical priorities for WMO. Observing, predicting, and effectively communicating glacier changes are vital to mitigating their impacts on people, economies, and ecosystems. The melting of glaciers increases risks of hazards such as landslides and glacial lake outburst floods, while also disrupting hydrological and ecological systems. The UN Early Warnings for All initiative, co-led by WMO in collaboration with many partners, aims to enhance protection against these hazards, fostering resilience for communities worldwide.



Addressing the urgent challenges posed by the climate crisis requires strong political leadership and inclusive, equitable policies rooted in transparent and collaborative dialogues. Therefore, WMO commends Tajikistan's leadership in hosting this important international conference. This event will serve as a crucial platform for fostering dialogue and collaboration among diverse stakeholders. It aims to enhance global efforts in strengthening glacier monitoring networks, disaster management and developing effective policies to address the far-reaching impacts of rapid glacier melt. Moreover, it will promote the exchange of knowledge and innovative strategies.

I am confident that your participation in this conference will add valuable perspectives and help to build the ambitious, inspiring future we strive to achieve for the generations to come.

WMO remains committed to advancing collective action on glacier-related issues to strengthen climate resilience and support sustainable development for all.

I look forward to seeing you in Dushanbe and wish you all a fruitful conference.

Thank you,

Professor Celeste Saulo
Secretary-General of WMO

PROGRAMME STRUCTURE – AT A GLANCE

29 MAY 2025					
08:30–17:30	Pre-Conference Forums and Side Events				
	Forum 1 Agriculture in a Time of Glacier Loss: Addressing droughts, flooding with carbon sequestration and resilience in glacier-dependent regions	Forum 2 Children and Youth Glacier Preservation Forum	Forum 3 Regional Forum on Glacier Monitoring and the Cryosphere in Central Asia	Forum 4 From IYGP to Decade of Action for Cryospheric Sciences (2025-2034)	Side Events
	Forum 5 Ministerial Dialogue on Climate Resilience, Glacier Preservation and Water Cooperation	Forum 6 Enhancing Transboundary Cooperation for Water Sustainability and Climate Resilience in Glacier Dependent Basins of Central Asia	Forum 7 Towards Sustainable Water Management in Central Asia: The Role of Cryosphere Monitoring in Water Allocation Decision-Making	Forum 8 Women Forum on Glaciers Preservation	
	19:00–21:30 Cultural Event – Glaciers Festival				
30 MAY 2025					
09:00–10:30	Opening Session - <i>Kokhi Somon State Complex</i>				
10:30–11:00	<i>Coffee & Networking Break</i>				
11:00–12:30	Plenary Session I: Head of Delegation Statements				
12:30–14:00	<i>Lunch Break</i>				
14:00–15:30	Socio-economic Impacts of Glacier Melt				Leaders' Round Table (by invitation only)
	TS1: Glaciers, Arctic and Antarctic Ice Sheets, the Threat of Sea level Rise and Strategies for Small Island Developing States	TS2: From Glaciers to Sea: Glaciers, Snowpack and Water Availability in a Changing Climate	TS3: Glacial Hazards and Disaster Risk Reduction: Leveraging the “Early Warnings for All” Initiative		
15:30–16:30	Coffee & Networking Break				
16:00–17:30	Cross-cutting Issues: Biodiversity, Cultural and Natural Heritage, Transboundary Cooperation				
	TS4: Partnership for Climate Change, Glaciers and Transboundary Cooperation in Central and West Asia Region	TS5: Global Initiatives for Glacier Ecosystem Conservation and Adaptation	TS6: Bridging Indigenous Knowledge, Heritage and Community Action for Glacier Preservation		
19:00–21:00	Reception hosted by the Government of the Republic of Tajikistan (by invitation)				

31 MAY 2025

09:00–10:30	Plenary Session 2 (Continuation): Head of Delegation Statements (Kokhi Somon State Complex)		
10:30–11:00	<i>Coffee & Networking Break</i>		
	<i>Glacier Science, Research and Monitoring</i>		
11:00–12:30	TS7: Glacier Monitoring Needs Worldwide	TS8: Glacier Projections and Emissions: How much can 1.5°C Emissions Pathways Save?	TS9: Latest Glacier and Cryosphere Science
12:30–14:00	<i>Lunch</i>		
	<i>Solutions: Achieving Resilience through Adaptation and Mitigation</i>		
14:00–15:30	TS10. Pact for the Future: How the Pact Can Inform Glacier Preservation	TS11: Climate Finance and Investment for Glacier Preservation and Adaptation	TS12: Zero-Carbon Development: A Path Forward for Glacier Nations
15:30–16:30	<i>Coffee & Networking Break</i>		
16:30–17:30	Closing Session		
17:30–18:00	Press Conference		

1 JUNE 2025

09:00–18:00	Tours / Glaciers Run
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I. ABOUT THE CONFERENCE

BACKGROUND

The melting of glaciers is one of the most pressing environmental challenges of our time. Climate change has already destroyed about one-third of mountain ice, and this will continue without serious mitigation consistent with the lower 1.5°C Paris Agreement limit.

As glaciers shrink, they disrupt local and seasonal water supplies that billions of people depend on for drinking, irrigation, livelihoods, and energy production. This directly influences agricultural productivity, leading to food insecurity, especially in regions where glacier-fed rivers are vital for irrigation. Additionally, the loss of glaciers has devastating effects on hydropower generation, which many countries rely on. Reduced river water flow diminishes hydropower capacity, affecting energy security and economic development.

Economic inequalities in the face of glacier loss become more pronounced, particularly in developing regions where communities heavily depend on glacier-fed water resources. Vulnerable populations, often in mountainous or rural areas, experience worsened living conditions due to water scarcity, leading to increased poverty and migration. These changes are essentially irreversible for centuries to thousands of years.

The link between glaciers and climate change offers an opportunity to raise mitigation ambition at COP30, the 30th Conference of the Parties of the United Nations Framework Convention on Climate Change (UNFCCC), at which Parties will renew their Nationally Determined Contributions (NDCs) for the next Paris commitment period. Even with urgent action however, some adaptation will be required to cope with glacier loss. Focus should be placed on water adaptation, resilience, and early warning systems with reliable, disaggregated data, especially for developing countries.

The year 2025 also marks the beginning of the United Nations-declared Decade of Action for Cryospheric Sciences, 2025–2034.¹ Melting of large polar glaciers, as well as ice sheets in the Arctic and Antarctica is also growing. This rapid ice loss is raising global sea

levels, with serious consequences for Small Island Developing States (SIDS) and coastal areas, home to hundreds of millions of people. Flooding caused by rising sea levels displaces human communities, destroys ecosystems and farmland, reduces biodiversity, and limits the effectiveness of nature-based solutions. Many residents of SIDS have already been forced to leave their homes due to flooding.

INTERNATIONAL YEAR OF GLACIERS' PRESERVATION

In December 2022, the United Nations General Assembly declared 2025 as the International Year of Glaciers' Preservation² (IYGP) with UNESCO and WMO charged with co-facilitating associated activities. The Decade of Action for Cryospheric Sciences, 2025–2034, adopted by the United Nations in August 2024, aims to address the challenges of cryosphere (glaciers, ice sheets, snowpack, permafrost, and sea ice) through scientific research and monitoring. Together, these initiatives aim to address glacier and cryosphere preservation through enhanced climate ambition, research and monitoring, and mobilizing financial resources while strengthening cooperation and partnerships at all levels.

Recognizing the pressing urgency of these climate issues and their profound socio-economic implications, the High-Level International Conference on Glaciers' Preservation will be convened in Dushanbe, Republic of Tajikistan 29–31 May 2025.

This high-level event will highlight the crucial connection between glaciers and sustainable socio-economic development, focusing on how glacier preservation is essential to safeguarding livelihoods, improving water availability, minimizing related hazards, recognizing the importance of Indigenous Peoples and knowledge, addressing gender inequalities and achieving long-term development goals for vulnerable regions and populations. It will explore the vital role of glaciers in maintaining vital water resources.

¹ United Nations General Assembly resolution 78/321, adopted on 14 August 2024

² United Nations General Assembly Resolution 77/158, adopted on 14 December 2022

Glacier preservation requires urgent climate ambition while increasing climate resilience and sustainability. This event aims to raise awareness and advocate for collective action to preserve glaciers and address the wide-ranging impacts of their melting.

OBJECTIVES

The High-Level International Conference on Glaciers' Preservation aims to anchor the importance of glaciers and the urgency of stopping the accelerated melting, calving and retreating of glaciers on the international agenda, and advance global efforts in addressing glacier melt and its wide-ranging impacts through collaborative action, scientific innovation, and policy alignment. The Conference will support the International Year of Glaciers' Preservation 2025 by mobilizing resources and fostering international cooperation. It seeks to strengthen global partnerships among governments, scientists, civil society, and other stakeholders, with a focus on enhancing transboundary collaboration to preserve glaciers and their socio-economic benefits.

The High-Level International Conference on Glaciers will present a unique opportunity and capitalize on momentum by contributing to the sequence of multilateral / global events and meetings, such as the 2025 UN Ocean Conference (France, June 2025), 4th International Conference on Financing for Development (Spain, June 2025), High-level Political Forum on Sustainable Development (New York, July 2025), UNFCCC COP30 (Brazil, November 2025, a key COP with renewal of Paris Agreement NDCs for the next commitment period) and the preparatory meetings for the UN 2026 Water Conference co-hosted by the United Arab Emirates (UAE) and Republic of Senegal. The Dushanbe Glaciers Declaration will inform these forthcoming multilateral events, in particular climate ambition linked to COP30 in Brazil, and link the importance of glaciers writ large to the global sustainable development, environment, oceans, water and climate agendas.

Key additional objectives include advancing scientific research and monitoring to better understand glacier dynamics, addressing the socio-economic consequences of glacier retreat, and promoting integrated adaptation strategies such as early warning systems and disaster risk reduction. By raising the need for glacier preservation, the

Conference aims to align glacier preservation efforts with global goals for water availability, energy, and food security. It will also raise awareness, mobilize resources, and leverage frameworks such as the Pact for the Future adopted at the Summit of the Future on 22 September 2024³ and the 2030 Agenda for Sustainable Development⁴ to inspire transformative action, ensuring the resilience and sustainability of glacier-dependent communities and ecosystems.

In particular, the Conference will focus on:

- Making clear the need for greater climate ambition to preserve glaciers;
- Promoting scientific research and monitoring;
- Addressing socio-economic impacts of glacier melt and loss;
- Enhancing climate resilience and adaptation strategies;
- Raising awareness and mobilizing resources;
- Linking water, biodiversity, desertification and climate agendas for sustainable development;
- Catalyzing actions through key frameworks and partnerships.

OUTCOMES

This Conference will produce three outcome documents: Dushanbe Glaciers Declaration, Chair's Summary, and Dushanbe Glaciers Appeal: A Call for Action which will be a compendium of commitments, partnerships and other initiatives towards the implementation of the International Year for Glaciers' Preservation and Decade of Action for Cryospheric Sciences 2025-2034, announced during the Conference.

These outcomes will be presented at appropriate venues in the course of 2025, such as the United Nations High-level Political Forum on Sustainable Development (HLPF), United Nations General Assembly Climate Week and UNFCCC COP30, and can also serve as inputs into other processes, including the upcoming 2026 UN Water Conference.

³ United Nations General Assembly Resolution 79/1, adopted on 22 September 2024

⁴ United Nations General Assembly Resolution 70/1, adopted on 25 September 2015

DATES AND VENUE

The Conference will be held from 29 to 31 May 2025 in Dushanbe, Republic of Tajikistan.

Pre-Conference events, including Forums, Side Events, and the Glaciers Festival will take place on 29 May. The Glaciers Festival will take place on 29 May 2025 from 6 p.m. to 8 p.m. in "Navruzgoh" Park.

The official Conference programme will take place on 30 and 31 May in the state complex "Kokhi Somon", located at 122 Rudaki Street, Dushanbe, Republic of Tajikistan. The Opening Session of the Conference will start at 9 a.m. on 30 May 2025 in "Kokhi Somon". Entry to the state complex "Kokhi Somon" and the venues of the Pre-Conference Forums is allowed strictly upon presentation of badges issued by the Conference Secretariat.

Tours will take place on 1 June. The meeting place for all Tours is Opera and Ballet Theater at 9:00 a.m.

Information on the date, time and venues for Conference-related events are included in the Detailed Programme Schedule. The final programme available on the Conference website at the link: <https://dushanbeicgp2025.com> and the Conference Mobile App.

WORKING LANGUAGES

The working languages of the Conference are English and Russian. Simultaneous translation will be provided. Translation into other United Nations official languages will be provided to the possible extent during the Opening and Closing Sessions.

ORGANIZERS

The High-Level International Conference on Glaciers' Preservation is the premiere event of the United Nations-declared International Year of Glaciers' Preservation, 2025. The Conference is organized in Dushanbe by the Government of the Republic of Tajikistan with the support of the United Nations, in particular the United Nations Educational, Scientific and Cultural Organization (UNESCO) and the World Meteorological Organization (WMO), the Asian Development Bank and other partners. The ultimate responsibility for preparation of the Conference rests with the National Organizing Committee established by the Government of the Republic of Tajikistan under the leadership of the Prime Minister. A Conference Secretariat was established by the Government of Tajikistan at the Ministry of Foreign Affairs. The Conference Secretariat is also supported by United Nations Resident Coordinator's Office in Tajikistan.

The International Advisory Board of the 2025 International Year of Glaciers' Preservation supported the preparation of the Conference through the development of a comprehensive programme and contribution to the outcome documents of the Conference. The International Advisory Board includes representatives of United Nations entities, partner countries, international and regional organizations, academic and research institutions, non-governmental organisations (NGOs) and other stakeholders.



NATIONAL ORGANIZING COMMITTEE

No.	Name	Position
Chairman		
1	Qohir Rasulzoda	Prime Minister of the Republic of Tajikistan
Vice Chairman		
2	Sirojiddin Muhiddin	Minister of Foreign Affairs of the Republic of Tajikistan
Secretary		
3	Parviz Davlatzoda	Head of the Department of Foreign Relations, Executive Office of the President of the Republic of Tajikistan
Members		
4	Zavqi Amin Zavqizoda	Minister of Economic Development and Trade of the Republic of Tajikistan
5	Fayziddin Sattor Qahhorzoda	Minister of Finance of the Republic of Tajikistan
6	Kurbon Hakimzoda	Minister of Agriculture of the Republic of Tajikistan
7	Daler Jum'a Shofakir	Minister of Energy and Water Resources of the Republic of Tajikistan
8	Rahim Hamro Saidzoda	Minister of Education and Science of the Republic of Tajikistan
9	Jamoliddin Abdullo Abdullozoda	Minister of Health and Social Protection of the Population of the Republic of Tajikistan
10	Sherali Kabir	Minister of Industry and New Technologies of the Republic of Tajikistan
11	Azim Ibrohim	Minister of Transport of the Republic of Tajikistan
12	Matlubakhon Sattoriyon Amonzoda	Minister of Culture of the Republic of Tajikistan
13	Sulton Rahimzoda	Chairman of the State Committee on Investment and State Property Management of the Republic of Tajikistan
14	Orif Khojazoda	Chairman of the State Committee of Land Management and Geodesy of the Republic of Tajikistan
15	Firdavs Tolibzoda	Chairman of the National Bank of Tajikistan
16	Kobiljon Khushvakhtsoda	President of the National Academy of Sciences of Tajikistan
17	Jonibek Hikmat	Permanent Representative of the Republic of Tajikistan to the United Nations
18	Bahodur Sheralizoda	Chairman of the Committee for Environmental Protection under the Government of the Republic of Tajikistan
19	Nosir Saidzoda	Chairman of the Committee for Television and Radio Broadcasting under the Government of the Republic of Tajikistan
20	Rajabali Rahmonali	Chairman of the Committee for Emergency Situations and Civil Defense under the Government of the Republic of Tajikistan
21	Zulfiqor Gulahmadzoda	Chairman of the Committee of Youth Affairs and Sports under the Government of the Republic of Tajikistan
22	Bunafsha Fayziddinzoda	Chairman of the Committee for Woman and Family under the Government of the Republic of Tajikistan
23	Zafarbek Davlatzoda	Director of Agency for Land Reclamation and Irrigation under the Government of the Republic of Tajikistan
24	Isfandiyori Sadullo	Head of the Communications Service under the Government of the Republic of Tajikistan
25	Salim Salimzoda	Head of the Department of Agriculture and Environmental Protection of the Executive Office of the President of the Republic of Tajikistan
26	Anvar Safarzoda	Head of the Department of Education, Culture and Information of the Executive Office of the President of the Republic of Tajikistan
27	Mahmud Jumazoda	Head of the Finance Department of the Executive Office of the President of the Republic of Tajikistan
28	Bakhtiyor Sharifi	First Deputy Mayor of Dushanbe

INTERNATIONAL ADVISORY BOARD

No.	Name	Organization/ capacity
UNESCO & WMO Co-chairs		
1	John Pomeroy	UNESCO Co-Chair / University of Saskatchewan, Canada
2	Carolina Adler	WMO Co-Chair / Mountain Research Initiative (MRI)
Task Force Leads		
3	Sara Manuelli	FAO Mountain Partnership
4	Neera Shrestha Pradhan	International Centre for Integrated Mountain Development (ICIMOD)
5	James Peter Mc Phee Torres	University of Chile in Santiago
6	Pam Pearson	International Cryosphere Climate Initiative (ICCI)
Advisory Board Members		
7	Olivier Poivre d'Arvor	Ambassador of France for the Poles and Maritime Issues
8	Heidi Sevestre	Arctic Monitoring and Assessment Programme (AMAP), Norway
9	Michael Zemp	University of Zurich World Glacier Monitoring Service (WGMS)
10	Gino Casassa	Gaia Antarctica Research Center (CIGA), Universidad de Magallanes, Glaciology and Snow Unit, Hydrology Division, General Directorate of Water, Ministry of Public Works
11	Þorsteinn Þorsteinsson	Icelandic Met Office Global Cryosphere Watch (GCW)
12	Yao Tandong	Institute of Planetary Sciences, Chinese Academy of Sciences (CAS)
13	Raymond Bradley	University of Massachusetts Climate and Cryosphere World Climate Research Programme (WCRP-CliC)
14	Liss M. Andreassen	International Organization for Cryospheric Sciences (IACS)
15	Shawn Marshall	University of Calgary Environment and Climate Change Canada (ECCC) Global Cryosphere Watch (GCW)
16	Bahodur Sheralizoda	Committee of Environmental Protection under the Government of the Republic of Tajikistan
17	Jerome Chappellas	EPFL, Switzerland and Ice Memory, France
18	Thomas Condom	Institut des Géosciences de l'Environnement (IGE-Grenoble)
19	Mariano Masiokas	CONICET Argentine Institute of Nivology, Glaciology and Environmental Sciences (IANIGLA)



II. CONFERENCE PROGRAMME OVERVIEW

PRE-CONFERENCE DAY

The Pre-Conference Day takes place on Thursday, 29 May 2025. It consists of Forums, Side Events, and the Glacier Festival cultural event. These events will take place at different times and venues throughout Dushanbe over the course of the day and evening. They will provide diverse opportunities for dialogue, knowledge exchange, and engagement between participants in advance of the official opening of the Conference.

PRE-CONFERENCE FORUMS

Eight Pre-Conference Forums will be organized prior to the official opening of the Conference on 29 May. The Forums break down traditional silos and promote cross-sectional dialogue on glacier preservation and its wider implications. They will serve as platforms for inclusive discussion among diverse stakeholders, addressing critical glacier-related issues that intersect various disciplines, such as climate science, water management, and socio-economic development.

Each Pre-Conference Forum aligns with the UN's overarching glaciers' preservation agenda and be designed to facilitate a unified focus on (a) mobilizing partnerships and collaborative actions for glaciers' preservation, (b) sharing innovative frameworks and technological solutions to enhance glaciers' preservation, and (c) building awareness on the socio-economic impacts of glaciers' melting and fostering solutions that mitigate these effects. The outcomes from each Pre-Conference Forum will be presented at the Closing Session by the rapporteurs and will also be reflected in the Chair's Summary and the Dushanbe Glaciers Appeal: A Call for Action.

The agenda for each Pre-Conference Forum is available in the **Detailed Programme Schedules** section (III) of this Programme Book.

The Pre-Conference Forums will be on the following topics:

- Forum 1 Agriculture in a Time of Glacier Loss: Addressing droughts, flooding with carbon sequestration and resilience in glacier-dependent regions
- Forum 2 Children and Youth Glacier Preservation Forum
- Forum 3 Regional Forum on Glacier Monitoring and the Cryosphere in Central Asia
- Forum 4 From IYGP to Decade of Action for Cryospheric Sciences, 2025-2034
- Forum 5 Ministerial Dialogue on Climate Resilience, Glacier Preservation, and Water Cooperation
- Forum 6 Enhancing Transboundary Cooperation for Water Sustainability and Climate Resilience in Glacier Dependent Basins of Central Asia
- Forum 7 Towards Sustainable Water Management in Central Asia:
The Role of Cryosphere Monitoring in Water Allocation Decision-Making
- Forum 8 Women Forum on Glaciers' Preservation

FORUM 1

Title: **Agriculture in a Time of Glacier Loss: Addressing droughts, flooding with carbon sequestration and resilience in glacier-dependent regions**

Time & Venue: 29 May 2025, 09:00-12:00 | **Location:** Hyatt Regency Hotel

According to the United Nations Environment Programme (UNEP), more than 50 per cent of glaciers in Central Asia could disappear by 2050, threatening water and food security for more than 64 million people in the region. Mountain and glacier freshwater are key for food security and nutrition, especially in rural mountain communities, among the most food insecure. Climate change further exacerbates this vulnerability: changes in glacier and snow melt rates affect the timing and volume of runoff, reducing water availability for agriculture in both mountains and downstream lowlands.

In addition, increasing natural disasters such as floods, landslides and droughts are having a serious impact on mountain ecosystems and hampering the development of vulnerable mountain communities. The impacts of a changing climate on human mobility are adversely affecting livelihoods that are reliant on the ecosystem services provided by mountains. Sustainable agriculture, water management and agri-food systems can help adapt to the climate crisis and increase livelihood resilience.

Forum 1 will discuss the main water and climate adaptation strategies in agriculture and agrifood systems, best practices and innovations in Central Asia. It will examine how to build synergies and alliances between water, land and climate agendas in agri-food systems transformation and how to explore opportunities to integrate glacier preservation into broader efforts to address global water and food security challenges. Additionally, this forum will explore the role of youth-led initiatives and the integration of local and traditional knowledge systems with science take to guide policies for sustainable mountain development.

FORUM 2

Title: **Children and Youth Glacier Preservation Forum**

Time & Venue: 29 May 2025, 09:00-12:00 | **Location:** Pilaf Center (Markazi Osh)

Glaciers are crucial for regulating the global climate and providing freshwater that is essential for billions of people. At the same time, glacial melting has multiple impacts on children. Rapid glacial melt causes floods, overwhelming water systems and sanitation infrastructure. Over time, shrinking glaciers lead to severe water shortages, fueling competition for resources. Contaminated and inconsistent water sources heighten the risk of waterborne diseases that disproportionately affect children.

The Children and Youth Glacier Preservation Forum will serve as an essential platform for young people to engage with the critical issue of glacier preservation. The Forum aims to bring together youth from Tajikistan and beyond, using satellite technology to connect participants from across the globe and provide them with the opportunity to share their ideas and solutions for safeguarding glaciers.

By focusing on the next generation, the objective of Forum 2 is to advocate for integrating child-centered strategies into national climate and disaster risk reduction (DRR) policies. It will emphasize the importance of empowering children to meaningfully participate in climate dialogue and decision-making processes. The Forum will call for increased climate financing for children, inspiring them to take responsibility and play a leading role in shaping a sustainable future.

FORUM 3

Title: Regional Forum on Glacier Monitoring and the Cryosphere in Central Asia
Time & Venue: 29 May 2025, 09:30-15:00 | **Location:** Agency of Hydrometeorology of Tajikistan Conference Hall

Central Asia is a region where glaciers and the cryosphere play a crucial role in ensuring water resources, maintaining ecosystem balance, and regulating climate processes. However, rapid global climate changes are significantly impacting these fragile natural systems, creating new challenges for the management of water and natural resources. The region encompasses some of the world's largest mountain systems—Tian Shan, Pamir, Hindukush, and Altay—home to numerous glaciers. These glaciers serve as the primary sources for the major rivers of the region, including the Amu Darya, Syr Darya, Zarafshon, Yaksart, and others, thereby playing a key role in water supply, agriculture, and sustainable development in Central Asian countries.

The Regional Forum on Glaciers and the Cryosphere in Central Asia serves as a significant platform for bringing together leading scientists, experts, government representatives, and international organizations. The primary objective of the Forum is to conduct a comprehensive analysis of glacier conditions, monitor changes in the cryosphere, and develop adaptation strategies in response to evolving climate conditions.

This forum facilitates the exchange of advanced knowledge, scientific research, and best practices in the conservation and sustainable use of natural resources. It also aims to strengthen intergovernmental cooperation in the sustainable management of glaciers and water resources. Discussions, expert assessments, and recommendations formulated during the Forum will enable Central Asian countries to develop comprehensive approaches and strategic solutions for effective cryosphere management. This, in turn, will ensure the long-term sustainability of ecosystems, water availability, and economic development in the face of a changing climate.

FORUM 4

Title: From IYGP to Decade of Action for Cryospheric Sciences, 2025-2034
Time & Venue: 29 May 2025, 14:00-17:30 | **Location:** Dushanbe Serena Hotel

In December 2022, the UN General Assembly declared 2025 as the International Year of Glaciers' Preservation (IYGP 2025) and 21 March as the annual World Day for Glaciers, following the initiative of the Republic of Tajikistan under resolution A/RES/77/158. The resolution invited UNESCO and WMO to facilitate the implementation of the resolution by organizing activities and developing proposals to support Member States. Building on the momentum of the International Year of Glaciers' Preservation 2025, and at the initiative of Tajikistan and France, on August 13, 2024, the United Nations General Assembly adopted Resolution 78/321, declaring 2025-2034 as the Decade of Action for Cryospheric Sciences. This resolution calls for accelerated efforts to address challenges associated with melting glaciers and changes to the cryosphere through scientific research, monitoring, policy, and advocacy.

The High-Level International Conference on Glaciers' Preservation provides a unique opportunity to discuss the way forward for the Decade of Action for Cryospheric Sciences 2025-2034. The outcomes of the brainstorming session held in Paris will be presented and discussed during this forum, linking the objectives of the year to the Decade, and the outlook to the future. Additionally, Forum 4 aims to raise global awareness about the critical role of glaciers, snow, and ice in the climate system and hydrological cycle, echoing the IYGP 2025's focus on advocacy, policy change, and sustainable measures for glacier preservation.

FORUM 5

Title: Ministerial Dialogue on Climate Resilience, Glacier Preservation, and Water Cooperation

Time & Venue: 29 May 2025, 14:00-17:30 | **Location:** Hyatt Regency Dushanbe

The countries of Central Asia rely on cryospheric components such as glaciers, snow, and permafrost for water resources, and therefore, the mountain systems of the Tien Shan and Pamir constitute the water reservoirs for the entire region. Unchecked glacier melting and continued retreat could lead to an increased frequency of natural disasters such as floods and landslides, followed by prolonged droughts that threaten livelihoods and economic stability. Therefore, immediate and coordinated actions are required to develop strategies that integrate glacier preservation into broader climate adaptation frameworks.

Forum 5 promotes glacier preservation through water cooperation across borders, sectors, and generations by bringing stakeholders together to raise their different viewpoints and proactively co-create solutions that build resilient societies – government agencies including environmental ministries, academia, women and youth, the private and finance sectors.

The Forum will consist of two sessions. The first session will convene high-level policymakers, particularly Ministers of Environment Protection, to discuss national strategies and policies for glacier preservation, climate adaptation, and water cooperation. The second session will focus on networking and partnerships to bridge conservation efforts with community engagement, particularly involving youth, women, academic society, and private sector.

FORUM 6

Title: Enhancing Transboundary Cooperation for Water Sustainability and Climate Resilience in Glacier Dependent Basins of Central Asia

Date and time: 29 May 2025, 08:30-17:30 | **Location:** Hilton Dushanbe Hotel

Glaciers play a crucial role in sustaining water, food, energy and ecosystem security in Central Asia. However, accelerating glacial retreat due to climate change threatens long-term water availability, impacting agricultural productivity, energy generation, and ecosystem stability. Given the transboundary nature of major glacier-fed rivers such as the Amu Darya and Syr Darya, enhanced cooperation among the countries, sectors, policymakers and researchers is essential to address the interconnected challenges of water availability, food security, energy sustainability, and ecological preservation and to ensure sustainable resource management and climate resilience. Ongoing efforts in science, diplomacy, and regional cooperation provide valuable opportunities to enhance resilience. The Water-Energy-Food-Ecosystems (WEFE) Nexus offers a powerful integrative framework to strengthen collaboration across sectors and borders.

Building on these insights, this high-level Regional Forum will bring together policymakers, practitioners, and researchers to jointly explore actionable strategies and innovative solutions for transboundary cooperation and climate adaptation in glacier-dependent basins. This forum will serve as a platform for advancing regional science-policy dialogue, policy alignment, cross-sectoral engagement and innovative solutions to enhance climate resilience and sustainable development across Central Asia's glacier-dependent river basins. Stakeholders will share best practices, explore policy and investment opportunities, enable science-policy dialogue to develop effective adaptation strategies for glacier-dependent basins.

FORUM 7

Title: **Towards Sustainable Water Management in Central Asia: The Role of Cryosphere Monitoring in Water Allocation Decision-Making**

Date and time: 29 May 2025, 09:00-12:00 | **Location:** National Library of Tajikistan, Hall #306

The cryosphere—glaciers, snow, and frozen ground—serves as a vital freshwater source, especially in Central Asia, where irrigated agriculture consumes nearly 90 per cent of available water. Climate change is accelerating glacier melt in this region, leading to more frequent mudflows, landslides, and flash floods, which threaten local communities. With Central Asia's population projected to grow by 37 per cent by 2050, pressure on water resources will increase. Although water availability may peak temporarily, a sharp decline is expected afterward, increasing risks to food, energy, and environment.

Understanding the water cycle in high-altitude areas is critical for sustainable water management. This includes assessing how rainfall, glacier melt, and snowpack contribute to water supply. Tajikistan, generating about 60 per cent of Central Asia's water resources, plays a key role in regional water resources management and actively collaborates with Central Asian countries and international organizations.

Forum 7 will highlight the global challenges posed by climate change, focusing on its accelerated impact on glaciers in the Central Asia region. It will discuss the implications of glacier retreat on water availability, natural hazards, and regional stability, emphasizing the urgent need for scientific monitoring, adaptation strategies, and international cooperation to address these challenges. It will explore how cryosphere monitoring is integrated into water allocation decision-making across different countries in Central Asia and beyond. A technical session will take a deep dive into the role of cryosphere monitoring, hydrological tools, and institutional cooperation in ensuring climate resilience and water availability in Central Asia.

FORUM 8

Title: **Women Forum on Glaciers' Preservation**

Date and time: 29 May 2025, 09:00-14:30 | **Location:** National Library of Tajikistan, Central Hall

The Women Forum on Glaciers Preservation is held within the framework of the Fifth Global Initiative of Tajikistan with the support of the international community, in accordance with the United Nations General Assembly resolution on declaring 2025 the International Year of Glaciers' Preservation. The Forum is timed to coincide with the official opening of Tajikistan's chairmanship of the Central Asian Women's Dialogue in 2025.

Forum 8 will bring women together to discuss their role in addressing key environmental and climate challenges, including the accelerated melting of glaciers and changing water resources. It should be noted that about 60 per cent of water resources in Central Asia originate in the territory of Tajikistan. In the context of global warming, it is women who play an important role in environmental conservation and sustainable development.

The Forum will initiate a platform for women's cooperation on glacier melting, environmental protection and sustainable development to share knowledge, strengthen partnerships and jointly develop solutions. It will support and expand the network of women leaders active in water management, climate initiatives and environmental sustainability.

PRE-CONFERENCE SIDE EVENTS

Side Event topics are aligned with the overall objectives of the High-Level Conference on the International Year of Glaciers' Preservation, including climate impacts on glacier dynamics, Indigenous knowledge for glaciers' preservation, financing for glaciers' preservation initiatives, resilience strategies for glacier-dependent communities, water management and transboundary cooperation.

The agenda for each Side Event is available in the **Detailed Programme Schedules** section (III) of this Programme Book.

Side Events will be held on the following topics:

- Side Event 1 Advances in the Study of Tajikistan's Cryosphere:
Current Achievements and Future Directions
- Side Event 2 Decentralised Sanitation Solutions Roundtable:
Bridging Policy, Technology and Practice
- Side Event 3 Adaptation and Resilience to Glacial Hazards
- Side Event 4 Glaciers and Science
- Side Event 5 Science Diplomacy for Glacier Preservation and Transboundary Water Resilience in the
Hindu Kush Himalaya (HKH)
- Side Event 6 The Role of Mass Media and Social Networks in the Study and Preservation of Glaciers
- Side Event 7 Isotopes and Innovative Technologies in Glacier Studies
- Side Event 8 CICA Side Event on "Water Security and Climate Resilience:
Addressing the Environment Challenges in CICA Member States"
- Side Event 9 Catalyzing Global Action for Glacier Resilience:
Civil Society Experience from Central Asia
- Side Event 10 Glaciers, the 3rd Pole and the Central Asian Flyway of Migratory Birds
- Side Event 11 Melting Po(in)t:
An Intergenerational Dialogue on Glacier and Water Availability
- Side Event 12 Pathways to Action: Tackling Super Pollutants for Glacier Preservation for the High-Level
International Conference on Glaciers' Preservation
- Side Event 13 Song of Glacier
- Side Event 14 Water Resources Stereoscopic Monitoring in Tajikistan
- Side Event 15 Strategies for Sustainable Use of Water Resources
- Side Event 16 Human Mobility and Climate Change in Mountain Areas:
Priorities for Action
- Side Event 17 Carbon Markets as a Tool for Monetizing Environmental Projects:
Lessons for Central Asia
- Side Event 18 Climate Science and Research Inventory
A Foundation for Sustainable Solutions in Central Asia

GLACIERS FESTIVAL - An evening cultural experience

While joining the global discussion on water and climate issues at the High-Level Conference on Glaciers' Preservation, participants will also have the opportunity to immerse themselves in the rich cultural heritage of the Tajik people.

The Glaciers Festival will take place on **29 May 2025 from 7 p.m. to 9:30 p.m. in "Navruzgoh" Park.**

As part of the Conference, attendees will be able to:

- Explore exhibitions showcasing traditional Tajik crafts and artistry;
- Taste authentic Tajik cuisine, reflecting the country's rich culinary traditions;
- Discover a unique exhibition of drinking water varieties, highlighting the region's natural resources;
- Enjoy a concert program featuring performances by leading Tajik artists;
- Experience a fashion show displaying the beauty of Tajik national attire; and,
- Attend other cultural performances, celebrating the country's heritage.

Tajik national culture, deeply rooted in history, is renowned for its ancient and diverse traditions. It boasts rare written monuments, exceptional works of fine art, and distinctive forms of music and craftsmanship. Among its most treasured cultural expressions are Chakan embroidery, recognized as part of UNESCO's Intangible Cultural Heritage, as well as the traditional musical genres Shashmaqom and Falak.

The folk music and cultural traditions of Tajikistan are rich and multifaceted, reflecting the spirit of the nation—its emotions, daily life, labour, customs and traditions.

CONFERENCE SESSIONS – DAY 1 and 2

OPENING SESSION

The Opening Session of the Conference will start at 9 a.m. on 30 May 2025 in "Kokhi Somon" in the Large Plenary Hall (4th Floor) with opening statements by world leaders.

Seating in the Large Plenary Hall is reserved for Heads of Delegation and accompanying representatives. Seating for all other Conference participants will be available in the Amphitheater Hall, on the first floor of Kokhi Somon where the session will be live broadcast.

PLENARY SESSIONS I & II

Two Plenary Sessions will provide an opportunity for the Heads of Delegation to make political statements consistent with the United Nations General Assembly resolution on the "International Year of Glaciers' Preservation 2025" and as interested, the "Decade of Action for Cryospheric Sciences, 2025–2034".

The Plenary Sessions will take place in the Large Plenary Hall on 30 May from 11 a.m. to 12:30 p.m. and on 31 May from 9 a.m. to 10:30 a.m. Time permitting, United Nations Observer Organizations will also be offered Plenary speaking slots. Written statements (even if not delivered) will be compiled and included in the Chair's Summary and Dushanbe Glaciers Appeal: A Call for Action.



THEMATIC SESSIONS

Twelve Thematic Sessions will take place over the two official Conference days (30 and 31 May). The Thematic Sessions will address four main areas: (i) socio-economic impacts of glacier melt; (ii) cross-cutting issues such as biodiversity, cultural and natural heritage, and transboundary cooperation; (iii) glacier science, research and monitoring; and (iv) solutions for mitigation, resilience and adaptation planning. The outcomes of each Thematic Session will be presented at the Closing Session by the rapporteurs of each session and will also be reflected in the Chair's Summary and the Dushanbe Glaciers Appeal: A Call for Action.

The agenda for each Thematic Session is available in the **Detailed Programme Schedules** section (III) of this Programme Book.

Thematic Sessions will be held on the following topics:

Socio-economic Impacts of Glacier Melt

- [TS 1 Glaciers, Arctic and Antarctic Ice Sheets, the Threat of Sea level Rise and Strategies for Small Island Developing States](#)
- [TS 2 From Glaciers to Sea: Glaciers, Snowpack and Water Availability in a Changing Climate](#)
- [TS 3 Glacial-related Hazards and Disaster Risk Reduction: Leveraging the "Early Warnings for All" Initiative](#)

Cross-cutting issues: Biodiversity, Cultural and Natural Heritage, Transboundary Cooperation

- [TS 4 Partnership for Climate Change, Glaciers and Transboundary Cooperation in Central and West Asia Region](#)
- [TS 5 Glacier Futures: Linking Knowledge, Communities and Policy for Climate Resilience](#)
- [TS 6 Bridging Indigenous Knowledge, Heritage and Community Action for Glacier Preservation](#)

Glacier Science, Research and Monitoring

- [TS 7 Glacier Monitoring Needs Worldwide](#)
- [TS 8 Glacier Projections and Emissions: How much can 1.5°C Emissions Pathways Save?](#)
- [TS 9 Latest Glacier and Cryosphere Science](#)

Solutions: Achieving Resilience through Adaptation and Mitigation

- [TS 10 Pact for the Future: How the Pact Can Inform Glacier Preservation](#)
- [TS 11 Climate Finance and Investment for Glacier Preservation and Adaptation](#)
- [TS 12 Zero-Carbon Development: A Path Forward for Glacier Nations](#)

SOCIO-ECONOMIC IMPACTS OF GLACIER MELT**THEMATIC SESSION 1**

Title: **Glaciers, Arctic and Antarctic Ice Sheets, the Threat of Sea level Rise and Strategies for Small Island Developing States (TS1)**

Date and time: 30 May 2025, 14:00-15:30 | **Location:** Kokhi Somon, Amphitheater Hall, 1st Floor

Polar regions are experiencing some of the most dramatic consequences of climate change, including accelerated glacial melt and destabilization of ice sheets. Climate change poses significant threats to polar glaciers, resulting in rising sea levels and shifting weather patterns. The threat of sea-level rise is an urgent challenge for SIDS, although glaciers and polar ice sheets are far from SIDS, their melting contributes to global sea level rise. The IPCC Special Report on "Ocean and Cryosphere in a Changing Climate" estimates that between the 1960s and 2016, glaciers lost over nine trillion tons of ice. Additionally, melting ice sheets in Antarctica and Greenland are accelerating sea level rise, further endangering 680 million people in low-lying coastal zones, including SIDS.

Immediate action is crucial. Reducing global warming is key, and even small reductions in warming can significantly affect the cryosphere and sea level rise. At the same time, we must invest in adaptation measures, including coastal protection and technology-based warning systems, as urged in the UN Secretary-General's Early Warning for All initiative.

In response to this global concern, Thematic Session 1 will feature insights from experts with deep experience in polar science who will contribute up-to-date research and proposals for glacier preservation and adaptation strategies. This session will explore actions to protect glaciers and ice sheets while mitigating the impacts on low-lying coastal zones as well as SIDS. It will bring together experts, policymakers, and community leaders to discuss modern polar science, possible solutions, international cooperation, and policy frameworks to safeguard the future of developing countries including SIDS in the face of cryosphere loss.

THEMATIC SESSION 2

Title: **From Glaciers to Sea: Glaciers, Snowpack and Water Availability in a Changing Climate (TS2)**

Date and time: 30 May 2025, 14:00-15:30 | **Location:** Kokhi Somon, Press-Conference Hall, 2nd floor

Shrinking glaciers and snowpack have a significant effect on downstream areas, both in the immediate vicinity of the glaciers or hundreds of kilometres downstream. Areas that are relatively arid (e.g. Central Asia, northern Pakistan, western Peru), are especially dependent on getting enough meltwater for agricultural use and at the right time of the year for their crops. For many mountain countries, hydropower is an important source of energy, as well as foreign income from energy exports, that is also affected by changes in water supply as the cryosphere changes. The rate of change of the cryosphere is increasing, but knowledge and proposed solutions are not keeping pace.

Thematic Session 2 examines the socio-economic impacts of glacier and snow melt in different regions of the world and considers how the International Year for Glaciers' Preservation can be used as a springboard to focus on the challenges faced by communities and identify solutions. This session aims to identify concrete actions or partnerships concerning glacier and water availability in a changing climate, through more targeted and informed adaptation and cooperation assistance. Furthermore, it will offer a better understanding of mountain and downstream water needs and the associated scientific work necessary to address these emerging questions.

THEMATIC SESSION 3

Title: **Glacial-related Hazards and Disaster Risk Reduction: Leveraging the “Early Warnings for All” Initiative (TS3)**

Date and time: 30 May 2025, 14:00-15:30 | **Location:** Kokhi Somon, Large Plenary Hall, 4th Floor

Glacier-related hazards, such as glacial lake outburst floods (GLOFs), mudflows, avalanches, and ice collapses, threaten communities and infrastructure in mountainous regions. Climate change exacerbates risks from these natural hazards, by accelerating glacier retreat and increasing meltwater, making the global Early Warnings for All (EW4All) initiative, and more broadly disaster risk reduction (DRR), urgent priorities. This session aims to address the growing threats and promote global collaboration and solutions that should protect vulnerable populations.

Thematic Session 3 will discuss the impact of glacier-related hazards and disasters, respective forecasting and warning systems and impact of the hazards to downstream populations, especially focusing on the disproportionate impact on resource-limited regions, such as the Himalayas or Andes, where such events as the 2021 Uttarakhand and 2022 Pakistan disasters highlighted the need for better early warning systems (EWSs) and rapid response capabilities. The transboundary nature of these hazards demands international coordination and collaboration.

This session aims to raise awareness, drive the policy agenda, and support resource mobilisation to keep pace with escalating glacier-related risks. By uniting decision-makers, scientists, and other stakeholders, it ensures a coordinated effort to safeguard lives and livelihoods in fragile environments, tackling the intersection of climate change, vulnerability, and technological opportunity. Thematic Session 3 will also highlight funding challenges.

THEMATIC SESSION 4

Title: **Partnership for Climate Change, Glaciers and Transboundary Cooperation in Central and West Asia Region (TS4)**

Date and time: 30 May 2025, 16:00-17:30 | **Location:** Kokhi Somon, Amphitheater Hall, 1st Floor

The countries of Central Asia, South Caucasus and Pakistan are home to a significant portion of Asia's glaciers. It is estimated that around 80 per cent of the total river runoff in Central Asia is supplied by meltwater from snow, glaciers, and permafrost in the region, with these rivers comprising a critical resource for the economies and populations of Central and West Asia through the irrigation of land, production of electricity, and domestic water use. These rivers support the livelihoods of an estimated 350 million people in the region. Recognizing the severe climate challenges, particularly the escalating heat and the impacts of glacial melting, countries in Central Asia, South Caucasus and Pakistan are taking strong leadership. They call on regional action for glaciers' preservation and accelerated climate change action.

Thematic Session 4 will explore the impacts of glacial melt in this region and how partnerships can help the Central and West Asia Region to adapt. It will feature the initial findings from new glacier risk assessments being undertaken under the Asian Development Bank's Glaciers to Farms regional programme, as well as relevant permafrost studies in the region. This session will highlight the critical role glaciers play and will explore existing and emerging risks from continued rises in temperatures. It will also underscore the critical role of regional cooperation with particular emphasis on the Central Asia Regional Economic Cooperation (CAREC) platform.

THEMATIC SESSION 5

Title: **Glacier Futures: Linking Knowledge, Communities and Policy for Climate Resilience (TS5)**

Date and time: 30 May 2025, 16:00-17:30 | **Location:** Kokhi Somon, Large Plenary Hall, 4th Floor

Glaciers are critical ecosystems that provide freshwater, regulate climate, and support biodiversity and livelihoods across the globe. Yet, they are disappearing at an alarming rate. Currently, an estimated 160,000 glaciers cover around 650,000 km² of terrain. Climate change is accelerating glacial retreat with profound consequences. Beyond the physical loss, glacial retreat is reshaping ecosystems. Newly exposed areas that are expected to become land (78 per cent), wetlands (8 per cent), and marine zones (14 per cent) often lack formal protection and are vulnerable to degradation. Furthermore, increased adaptation efforts at the national and sub-national level are required due to increased risk of drought, irrigation shortages and changes in income, e.g. through glacier tourism. Lastly, melting glaciers also increase the risk of glacial lake outburst floods (GLOFs), placing over 15 million people at risk worldwide.

Thematic Session 5 aims to catalyse global action. It will explore current science and research on glacier ecosystems, highlight policies to address adaptation and biodiversity conservation in glaciated and post-glaciated ecosystems and institutional efforts, and showcase local-to-global initiatives. It will also consider the complex balance between conservation and economic reliance on glaciers and share innovative mitigation and adaptation strategies. This session provides a timely opportunity to build a shared understanding and collective momentum for long-term glacier ecosystem preservation and adaptation to changes that cannot be mitigated, highlighting the power and co-benefits of nature-based solutions.

THEMATIC SESSION 6

Title: **Bridging Indigenous Knowledge, Heritage and Community Action for Glacier Preservation (TS6)**

Date and time: 30 May 2025, 16:00-17:30 | **Location:** Kokhi Somon, Press-Conference Hall, 2nd floor

Glaciers are not only critical water sources but also deeply embedded in the cultural heritage and traditional knowledge of Indigenous Peoples and local communities worldwide. As glaciers retreat due to global climate change, their loss threatens both ecological balance and cultural continuity. These living heritage systems offer a unique lens through which communities anticipate and mitigate disaster risks. Traditional Knowledge and living heritage often serve as early warning systems, guiding communities to reduce and respond to glacial melt and related hazards such as glacial lake outburst floods (GLOFs).

Indigenous Peoples, who have long observed and adapted to environmental changes, hold valuable knowledge that can contribute to climate resilience and sustainable resource management. Despite their contributions, Indigenous perspectives and knowledge systems remain underrepresented in global climate policies and conservation strategies.

Thematic Session 6 will explore how Indigenous and local knowledge, combined with scientific research, can support glacier preservation and strengthen community-led adaptation. The discussion will highlight community-driven initiatives, governance models, and policy mechanisms that empower Indigenous Peoples as key actors in glacier preservation. This session will serve as a critical platform to recognize and support Indigenous leadership in glacier preservation, demonstrating how traditional knowledge and scientific research can work together to safeguard these vital ecosystems.

GLACIER SCIENCE, RESEARCH AND MONITORING

THEMATIC SESSION 7

Title: Glacier Monitoring Needs Worldwide (TS7)

Date and time: 31 May 2025, 11:00-12:30 | **Location:** Kokhi Somon, Amphitheater Hall, 1st Floor

The scarcity of observations at high elevation, particularly in glacierized basins, has been well documented in the scientific literature and by the Intergovernmental Panel on Climate Change (IPCC) for all regions of the globe. This is a significant challenge, especially for developing and least developed countries, due to costs, limited resources, remoteness and fragmentation of mandates.

In the mountains of the Central Asian Tien Shan and Pamir where the cryosphere is the main source of water for the region, observations and data are scarce. On the other hand, these data are the critical foundation upon which the strategies and planning for mitigation of and adaptation to climate change impacts are developed. Improved monitoring of Essential Climate Variables is crucial for linking the processes in the atmosphere, cryosphere and hydrosphere and develop climate services in the Central Asian high mountains. At global level, most mountain regions face similar challenges.

Thematic Session 7 aims to discuss the challenges and opportunities of mountain and glacier observations with a particular focus on Central Asia with comparisons to other regions. It will include an overview of glacier monitoring, a presentation on the opportunities for space-based monitoring of the cryosphere in high mountains and polar regions and will discuss the unique Gorbunov meteorological station at the Vanzh-Yakh glacier in Tajikistan. This session will evaluate the status of long-term meteorological observations in high mountains. It will examine opportunities to improve the usefulness of datasets for long-term trend analysis and the need for long-term commitments through government-supported programmes and for regional collaboration.

THEMATIC SESSION 8

Title: Glacier Projections and Emissions: How much can 1.5°C Emissions Pathways Save? (TS8)

Date and time: 31 May 2025, 11:00-12:30 | **Location:** Kokhi Somon, Large Plenary Hall, 4th Floor

The future of glaciers and their preservation depends entirely on which collective emissions pathway the global community chooses to follow. The outcome is not pre-determined: contrary to some recent media reports, the 1.5°C goal remains within reach physically, technologically and economically. The missing elements are social and political will.

Thematic Session 8 will present the most recent work on glacier projections globally, regionally and of individual glaciers, to inform stakeholders ranging from high-level policy makers to businesses to the general public of the implications of choices today. Strong focus will be given to the latest work of the Glacier Model Intercomparison Project (GlacierMIP) group that will inform the Intergovernmental Panel of Climate Change's seventh assessment cycle projections for glaciers. It will also explore implications for downstream water resources of those choices, and for the Decade of Action for Cryospheric Sciences, 2025-2034, also touch on longer-term projections for the ice sheets of Greenland and Antarctica, and their implications for tipping points and irreversible sea-level rise as well.

A highlight of this session will be release of several glacier animations, showing visually the expected response of several signal glaciers from the major mountain regions of the world to low emissions, versus high emissions pathways. These include Cotopaxi in the Andes, Chhota Sigri in the Hindu Kush Himalaya, Urumqui No 5 in the Tien Shan of China, Athabasca in the Canadian Rockies and Tajikistan's massive Vanzh-Yakh glacier.

THEMATIC SESSION 9

Title: Latest Glacier and Cryosphere Science (TS9)

Date and time: 31 May 2025, 11:00-12:30 | **Location:** Kokhi Somon, Press-Conference Hall, 2nd floor

Thematic Session 9 brings together longer presentations on recent mountain cryosphere science from senior IPCC and other scientists, with early career researchers who will each present a lightning talk about their glacier-related research. The goal of this session is to showcase emerging and recently published policy-relevant science. Latest and best available science is critical to effective programmes so that policymakers, financing institutions and other organizations appropriately consider the gravity of glacier loss. One keystone 2025 study that this panel will share is the 2025 Glacier Mass Balance Intercomparison Exercise (GLaMBIE) analysis, which feeds current global glacier mass changes into more accurate projections for decision makers looking forward.

In its second part, this session will feature 'lightning talks' by ECRs, giving them the opportunity to highlight briefly cutting-edge research from the next generation. Decisions that affect future directions in research, including those that influence funding, university programs and publishing interests are often made by established academics, even though more junior researchers will carry the torch for cryosphere research and knowledge over the next half century. It has been repeatedly established that incorporating early career researchers, academic institutions, professional societies and organizations have better professional retention, deeper connection with emerging issues, increased interdisciplinarity, greater organizational productivity and stronger relationships across professional generations, which strengthens long-term research capacity.

SOLUTIONS: ACHIEVING RESILIENCE THROUGH ADAPTATION AND MITIGATION

THEMATIC SESSION 10

Title: Pact for the Future: How the Pact Can Inform Glacier Preservation (TS10)

Date and time: 31 May 2025, 14:00-15:30 | **Location:** Kokhi Somon, Amphitheater Hall, 1st Floor

The accelerating loss of glaciers due to global climate change is one of the most urgent threats to sustainable development and water availability, jeopardizing the livelihoods of billions who depend on cryosphere-fed ecosystems. Glacier melt also contribute to rising sea levels and increased natural hazards, exacerbating socio-economic vulnerabilities, and threatening planetary stability. In recognition of this challenge, the United Nations General Assembly (UNGA) declared 2025 the International Year of Glaciers' Preservation, adopting the Decade of Action for Cryospheric Sciences (2025-2034).

The Pact for the Future, adopted at the 2024 Summit of the Future, outlines a multilateral framework for long-term sustainability and global cooperation. The Pact is built upon equity, science-based policymaking, and climate justice, and establishes guiding principles and accountability mechanisms essential to protecting the cryosphere and addressing the myriad impacts of glacial retreat.

Thematic Session 10 explores how the commitments of the Pact for the Future can shape and sustain international action on glaciers preservation. The Thematic Session will align glacier-related strategies with the priorities of the Pact, spotlighting how the Pact can catalyze global responses while promoting coherent and achievable actions and partnerships. This session aims to bridge the gap between global vision and local resilience, reinforcing that glaciers' preservation is not only a practical necessity for sustainable development, but a moral imperative.

THEMATIC SESSION 11

Title: Climate Finance and Investment for Glacier Preservation and Adaptation (TS11)

Date and time: 31 May 2025, 14:00-15:30 | **Location:** Kokhi Somon, Large Plenary Hall, 4th Floor

Under current climate projections, much of the world's stored freshwater is set to disappear within the coming decades. Despite this significant impact to the freshwater supply, there is no straight-forward pathway to future-proof communities relying on the frozen stores in the mountain cryosphere. It is clear though that investment needs to happen now and cannot wait for glaciers to recede further. This reality must be considered in future financing from multilateral development banks, climate finance mechanisms and funds, as well as bilateral donors and the private sector.

Proactive financing is critical, as the impacts of glacier loss are reaching levels where adaptation is no longer feasible. Communities are already experiencing consequences: formerly fertile agricultural valleys have been abandoned as water sources decline, disrupting local economies, food security, and livelihoods. The effects can also be experienced in infrastructure projects, energy (e.g., via hydropower generation), transport, among other sectors.

Thematic Session 11 sets out to discuss needs, challenges and barriers to concessional and long-term financing needed for the preservation of glaciers and snowpack and adaptation to the disruption of the essential local, national and regional ecosystem services these provide. The goal for this session is to bring together interested parties in topics of finance and contribute to material that can be used to guide glacier-related financing looking forward. Information shared in this session will be fed into a white paper, which will be shared with governments and other funding partners and agencies globally.

THEMATIC SESSION 12

Title: Zero-Carbon Development: A Path Forward for Glacier Nations (TS12)

Date and time: 31 May 2025, 14:00-15:30 | **Location:** Kokhi Somon, Press-Conference Hall, 2nd floor

Shrinking glaciers and snowpack threaten not only glacier, but also downstream populations that are especially dependent on getting enough meltwater for agricultural use, hydropower, drinking water and other key human needs. Many changes in the amount and timing of essential water supplies have already occurred and will continue to do so, challenging many nations with large adaptation needs at the same time as they seek to develop for the benefit and happiness of their populations.

Glacier and downstream developing nations did not cause this crisis, nor can they alone halt the continued rise in emissions from the largest global economies. By showing a path forward that combines sustainable development with zero or even negative carbon emissions however, other countries can inspire others to do the same. The G-Zero Coalition was launched at COP29 in Baku for just this purpose. By modelling a zero-carbon development pathway, Bhutan and other glacier nations can work to preserve their glaciers and important water resources, while showing a path forward that other countries can emulate. By working together, it is possible to develop and preserve the mountain glaciers for future generations.

By highlighting the model of the G-Zero Coalition as an essential means to preserve glaciers, Thematic Session 12 will provide an opportunity for new countries to join the Coalition. It will form new partnerships with development stakeholders in support of this important climate and development goal, including scientific relationships to better understand management of shifting water patterns in connection with hydropower and partnerships to connect with nature-based solutions and reforestation.

LEADERS' ROUND TABLES

The Leaders' Round Tables will take place on **30 May 2025 from 2p.m to 5p.m. in Building 8** with ticketed admission for individual sessions. The Leaders' Round Tables of the High-Level International Conference on Glaciers' Preservation, strategically timed as governments are finalizing their 2025 round of Nationally Determined Contributions (NDCs), will offer the opportunity for leaders to emphasize the need for 1.5°C -consistent climate pledges as the only means to preserve glaciers and their essential ecosystem services. The Leaders' Round Tables will consist of two roundtable format sessions: Session I: "Financing for Glacier-Related Adaptation, Mitigation and Loss and Damage". Session II. "Making 2025 the 'Tipping Point to Preserve Glaciers' with 1.5°C - Consistent NDCs at COP30".

RECEPTION

On Friday, 30 May 2025 there will be evening receptions for official delegations and foreign Conference participants. Information and invitations will be sent with the respective details.

CLOSING SESSION

The Closing Session will provide an opportunity to share the outcomes and celebrate the achievements of the Conference. The rapporteurs from the twelve Thematic Sessions and eight Pre-Conference Forums will be invited to report the key outcomes from their respective events. The outcome document, Dushanbe Glaciers Declaration, will be presented by the Co-Chairs and adopted by acclamation. Closing remarks will be delivered by the Co-Chairs to officially close the Conference.

Seating in the Large Plenary Hall is reserved for Heads of Delegation and accompanying representatives. Seating for all other Conference participations will be available in Amphitheater Hall, on the first floor of Kokhi Somon where the session will be live broadcast.

INTERNATIONAL EXHIBITION

The International Exhibition entitled ***Turning Glacier Challenges into Solutions*** will take place alongside the first High-Level International Conference on Glaciers' Preservation inside the State complex "Kokhi Somon" venue on **30 and 31 May 2025**.

The main objectives of the International Exhibition are the following:

- ❖ **Raising Awareness of Glacier Decline.** Educate global audiences about the ongoing retreat of glaciers due to climate change, and the ecological, social and economic impacts of glacier loss.
- ❖ **Showcasing Scientific Research.** Highlight the latest scientific findings and research on glacier monitoring, preservation efforts, and the crucial role glaciers play in regulating freshwater resources, biodiversity and global climate patterns.
- ❖ **Promoting Global Collaboration.** Foster international cooperation between governments, scientists, environmental organizations, and local communities to develop and implement effective strategies for glacier conservation, restoration and management.
- ❖ **Engaging the Public and Younger Generations.** Inspire action from the general public and youth by showcasing interactive exhibits, art, and educational materials that emphasize the beauty, significance and fragility of glaciers, encouraging individuals to participate in global conservation efforts.
- ❖ **Exploring Innovative Technologies and Solutions.** Present cutting-edge technologies and solutions being developed or implemented to monitor and preserve glaciers, such as remote sensing, drone technology and glacier engineering techniques.

TOURS

Within the framework of the High-Level International Conference on Glaciers' Preservation, free tours are organized on behalf of the Government of the Republic of Tajikistan in several areas, which provide Conference participants with the opportunity to get personally acquainted with the rich history, culture and unique nature of Tajikistan.

Participants will be invited to participate in a tour on **Sunday, 1 June 2025**, the day after the closing of the Conference, to experience first-hand examples of glacier degradation, integrated water resources management and water-related sustainable development in Tajikistan. The meeting place for all Tours is at the square near the **Opera and Ballet Theater of Dushanbe by 9:00 a.m.**

Registration for the Tours will be available on the Conference website at: <https://dushanbeicgp2025.com/tours/>

[Hissar Fortress 80](#)

[Dushanbe City 81](#)

[Safed-Dara Ski Resort 82](#)

[Siyoma River 83](#)

[Rogun 84](#)

[Rammit Gorge 85](#)

[Nurek 86](#)

[ECO-Run for Glaciers 87](#)



III. DETAILED PROGRAMME SCHEDULES

THURSDAY, 29 MAY 2025			
TIME	EVENTS	LOCATION	PAGE
09:00 – 20:00	Registration and badge pick-up	Hotel Tajikistan	
PRE-CONFERENCE FORUMS			
09:00 – 12:00	Forum 1. Agriculture in a Time of Glacier Loss: Addressing droughts, flooding with carbon sequestration and resilience in glacier-dependent regions	Hyatt Regency Dushanbe	33
09:00 – 12:00	Forum 2. Children and Youth Glacier Preservation Forum	Pilaf Center (Markazi Osh)	34
09:30 – 15:00	Forum 3. Regional Forum on Glacier Monitoring and the Cryosphere in Central Asia	Agency of Hydrometeorology of Tajikistan, Conference Hall	35
14:00 – 17:30	Forum 4. From IYGP to Decade of Action for Cryospheric Sciences, 2025-2034	Dushanbe Serena Hotel	37
14:00 – 17:30	Forum 5. Ministerial Dialogue on Climate Resilience, Glacier Preservation, and Water Cooperation	Hyatt Regency Dushanbe, Grand Ballroom	38
08:30 – 17:30	Forum 6. Enhancing Transboundary Cooperation for Water Sustainability and Climate Resilience in Glacier Dependent Basins of Central Asia	Hilton Dushanbe Hotel	39
09:00 – 12:00	Forum 7. Towards Sustainable Water Management in Central Asia: The Role of Cryosphere Monitoring in Water Allocation Decision-Making	National Library of Tajikistan, Hall #306	41
09:00 – 14:30	Forum 8. Women Forum on Glaciers' Preservation	National Library of Tajikistan, Central Hall	42
SIDE EVENTS			
09:00 – 13:00	Side Event 1. Advances in the Study of Tajikistan's Cryosphere: Current Achievements and Future Directions	Dushanbe Serena Hotel, Kuhsor Conference Room	43
09:30 – 12:00	Side Event 2. Decentralised Sanitation Solutions Roundtable: Bridging Policy, Technology and Practice	Rumi Hotel, Dushanbe	44
09:30 – 12:00	Side Event 3. Adaptation and Resilience to Glacial Hazards	Hyatt Regency Dushanbe	45
10:00 – 17:30	Side Event 4. Glaciers and Science	National Library of Tajikistan, Conference Hall	46
10:00 – 12:00	Side Event 5. Science Diplomacy for Glacier Preservation and Transboundary Water Resilience in the Hindu Kush Himalaya (HKH)	National Library of Tajikistan, Hall Number 303 (hybrid)	47
10:00 – 13:30	Side Event 6. The Role of Mass Media and Social Networks in the Study and Preservation of Glaciers	Lomonosov Moscow State University, Dushanbe	48
13:30 – 15:00	Side Event 7. Isotopes and Innovative Technologies in Glacier Studies	Dushanbe Serena Hotel	49
14:00 – 15:30	Side Event 8. CICA Side Event on "Water Security and Climate Resilience: Addressing the Environment Challenges in CICA Member States"	Hilton Hotel Dushanbe, Ayni Hall	50
14:00 – 17:00	Side Event 9. Catalyzing Global Action for Glacier Resilience: Civil Society Experience from Central Asia	Rumi Hotel, Dushanbe	51
14:00 – 16:00	Side Event 10. Glaciers, the 3 rd Pole and the Central Asian Flyway of Migratory Birds	Rumi Hotel, Dushanbe	52
14:00 – 15:45	Side Event 11. Melting Po(in)t: An Intergenerational Dialogue on Glacier and Water Issues	National Library of Tajikistan, 2 nd floor	53
14:00 – 15:30	Side Event 12. Pathways to Action: Tackling Super Pollutants for Glacier Preservation for the High-Level International Conference on Glaciers' Preservation	Hotel Atlas	54

THURSDAY, 29 MAY 2025

TIME	EVENTS	LOCATION	PAGE
SIDE EVENTS			
14:00 – 17:00	Side Event 13. Song of Glacier	Botanical Garden of Dushanbe	55
14:00 – 16:00	Side Event 14. Water Resources Stereoscopic Monitoring in Tajikistan	National Library of Tajikistan	56
14:00 – 15:30	Side Event 15. Strategies for Sustainable Use of Water Resources	Russian-Tajik Slavic University	57
15:00 – 16:30	Side Event 16. Human Mobility and Climate Change in Mountain Areas: Priorities for Action	Conference Hall of the Ministry of Labor, Migration, and Employment of Population	58
15:30 – 17:00	Side Event 17. Carbon Markets as a Tool for Monetizing Environmental Projects: Lessons for Central Asia	Russian-Tajik Slavic University	59
16:00 – 17:30	Side Event 18. Climate Science and Research Inventory: A Foundation for Sustainable Solutions in Central Asia	Hyatt Regency Dushanbe, Brussels Room	60
19:00 – 21:30	Cultural Event – Glaciers Festival	“Navruzgoh” Park	61

FRIDAY, 30 MAY 2025

TIME	EVENTS	HALL	PAGE
07:00 – 09:00	Registration and badge pick-up (late arrival international participants only)	Ittifoqi Tochikmatlubot (In front of Kokhi Somon)	
08:45 – 08:50	Photo Session (Heads of Delegation only)	Foyer of Kokhi Somon	
09:00 – 10:30	Opening Session	Kokhi Somon, Large Plenary hall, 4 th Floor	62
10:30 – 11:00	Coffee & Networking Break	Kokhi Somon, 3 rd & 4 th Floor	
11:00 – 12:30	Plenary Session I	Kokhi Somon, Large Plenary Hall, 4 th Floor	63
12:30 – 14:00	Lunch	Heads of Delegation (by invitation): Restaurant Building 1 & B Members of delegations/ foreign participants: Building 8, 2 nd Floor Local participants: Tea House “Saodat”	
14:00 – 15:30	TS1: Glaciers, Arctic and Antarctic Ice Sheets, the Threat of Sea level Rise and Strategies for Small Island Developing States	Kokhi Somon, Amphitheater Hall, 1 st Floor	64
14:00 – 15:30	TS2: From Glaciers to Sea: Glaciers, Snowpack and Water Availability in a Changing Climate	Kokhi Somon, Press Conference Hall, 2 nd Floor	65
14:00 – 15:30	TS3: Glacial-related Hazards and Disaster Risk Reduction: Leveraging the “Early Warnings for All” Initiative	Kokhi Somon, Large Plenary Hall, 4 th Floor	66
14:00 – 15:30	Leaders’ Round Table: Session I	Kokhi Somon, Building 8 (ticketed admission only)	70
15:30 – 16:00	Coffee & Networking Break	Kokhi Somon, 3 rd & 4 th Floor (Building 8 for Leaders’ Round Tables participants)	
16:00 – 17:00	Leaders’ Round Table: Session II	Kokhi Somon, Building 8 (ticketed admission only)	70
16:00 – 17:30	TS4: Partnership for Climate Change, Glaciers and Transboundary Cooperation in Central and West Asia Region	Kokhi Somon, Amphitheater Hall, 1 st Floor	67
16:00 – 17:30	TS5: Glacier Futures: Linking Knowledge, Communities and Policy for Climate Resilience	Kokhi Somon, Large Plenary Hall, 4 th Floor	68
16:00 – 17:30	TS6: Bridging Indigenous Knowledge, Heritage and Community Action for Glacier Preservation	Kokhi Somon, Press Conference Hall, 2 nd Floor	69
19:00-21:00	Receptions	By invitation	

SATURDAY, 31 MAY 2025			
TIME	EVENTS	HALL	PAGE
09:00 – 10:30	Plenary Session II (continuation)	Kokhi Somon, Large Plenary Hall, 4 th Floor	71
10:30 – 11:00	Coffee & Networking Break	Kokhi Somon, 3 rd & 4 th Floor	
11:00 – 12:30	TS7: Glacier Monitoring Needs Worldwide	Kokhi Somon, Amphitheater Hall, 1 st Floor	72
11:00 – 12:30	TS8: Glacier Projections and Emissions: How much can 1.5°C Emissions Pathways Save?	Kokhi Somon, Large Plenary Hall, 4 th Floor	73
11:00 – 12:30	TS9: Latest Glacier and Cryosphere Science	Kokhi Somon, Press Conference Hall, 2 nd Floor	74
12:30 – 14:00	Lunch	Heads of Delegation (by invitation): Restaurant Building 1 & B Members of delegations/ foreign participants: Building 8, 2nd floor Local participants: Tea House "Saodat"	
14:00 – 15:30	TS10. Pact for the Future: How the Pact Can Inform Glacier Preservation	Kokhi Somon, Amphitheater Hall, 1 st Floor	75
14:00 – 16:00	TS11: Climate Finance and Investment for Glacier Preservation and Adaptation	Kokhi Somon, Large Plenary Hall, 4 th Floor	76
14:00 – 16:00	TS12: Zero-Carbon Development: A Path Forward for Glacier Nations	Kokhi Somon, Press Conference Hall, 2 nd Floor	77
16:00 – 16:30	Coffee & Networking Break	Kokhi Somon, 3 rd & 4 th Floor	
16:30 – 17:30	Closing Session	Kokhi Somon, Large Plenary Hall, 4 th Floor	78
17:30 – 18:00	Press Conference	Kokhi Somon, Press Conference Hall, 2 nd Floor	
SUNDAY, 1 JUNE 2025			
TIME	EVENTS	LOCATION	PAGE
09:00	Tours / Glaciers Run	Meeting Place – Opera Ballet Theater, Dushanbe	80



THURSDAY, 29 MAY: PRE-CONFERENCE FORUMS AND SIDE EVENTS

FORUM 1: Agriculture in a Time of Glacier Loss: Addressing droughts, flooding with Carbon Sequestration and Resilience in Glacier-dependent Regions

Date & Time: 29 May 2025, 09:00–12:00 | **Venue:** Hyatt Regency Dushanbe

CO-ORGANIZERS

Food and Agricultural Organization (FAO)
World Food Programme (WFP)

HIGH LEVEL PANEL (9:00 -10:00)

Promoting Resilience in Mountain and Glacier Ecosystems

Zhimin Wu, Director, Forestry Division, FAO

Adham Musallam, WFP Representative in Tajikistan

H.E. Yerlan Nyssanbayev, Minister for Ecology and Natural Resources and GEF Political Focal Point, Kazakhstan

H.E. Meder Mashiev, Minister of Natural Resources, Ecology and Technical Supervision of the Kyrgyz Republic

H.E. Khusrav Noziri, Ambassador, Assistant Director-General of Islamic Organization for Food Security

Anvari Nigina, Deputy Minister of Agriculture of the Republic of Tajikistan

Isfandiyor Shukurzoda, First Deputy Chairman of the Committee of Environmental Protection under the Government of the Republic of Tajikistan

Latifzoda Hotamsho Latif, First Deputy Chairman of the Committee of Emergency Situations and Civil Defense under the Government of the Republic

Jakhongir Talipov, Head of International Department, Ministry of Natural Resources of the Republic of Uzbekistan

Moderator: **Aghasi Harutyunyan**, FAO Representative a.i. in the Republic of Tajikistan

PANEL (10:00-11:30)

Approach to Mountains and Glaciers for Water, Food Security and Livelihoods

Sara Manuelli, Forestry Officer, FAO/Mountain Partnership

Carolina Rizzi Starr, Agricultural Officer, FAO Regional Office for Europe and Central Asia

Oleg Guchgeldiev, FAO Representative in Kyrgyzstan, and Matraim Yusupov, Expert on Upscaling Water Saving Technologies in Kyrgyzstan, FAO Kyrgyzstan

Ilhom Safarov, Programme Policy Officer, WFP

Albert Orwa, WFP Tajikistan

Moderator: **Aghasi Harutyunyan**, FAO Representative a.i. in the Republic of Tajikistan

ROUND TABLE DISCUSSION (11:30-12:30)

Partnership for Healthy Mountains: Mobilizing collaboration and cooperation for Climate Resilience in Mountain and Glacier Ecosystems

H.E. Bakyt Dzhusupov, Ambassador, Co-ordinator of OSCE Economic and Environmental Activities, Organization for Security and Co-operation in Europe (OSCE)

Abou Amani, Director of the Water Sciences Division and Secretary of the Intergovernmental Hydrological Programme, UNESCO

Sulagna Mishra, Scientific Officer, Services / Hydrology, Water and Cryosphere: Advancing tools and data for glaciers preservation, WMO

Martina Purwins, Regional Climate Resilience Advisor, Welt Hunger Hilfe (WHH)

Shakeb Nabi, Country Director for Nepal, WHH
Tashi Lhazom, Mountain Youth and IYGP champion for youth, Nepal

Moderator: **Sara Manuelli**, Mountain Partnership

KEY MESSAGES AND CLOSING REMARKS (12:30-13:00)

Nigina Anvari, Deputy Minister of Agriculture of the Republic of Tajikistan

Isfandiyor Shukurzoda, First Deputy Chairman of the Committee of Environmental Protection under the Government of the Republic of Tajikistan

Zhimin Wu, Director, Forestry Division, FAO

Adham Musallam, WFP Representative in Tajikistan

LUNCH (13:00-14:00)

RAPPORTEUR:

Zhimin Wu, Director, Forestry Division, FAO

CONTACT PERSONS:

Khurshed Kholov, khurshed.kholov@fao.org

Aghasi Harutyunyan, aghasi.harutyunyan@fao.org

Abdujabbor Khakimov, abdujabbor.khakimov@fao.org

FORUM 2: Children and Youth Glacier Preservation Forum**Date & Time:** 29 May 2025, 09:00–12:00 | **Venue:** Pilaf Center (Markazi Osh)**CO-ORGANIZERS**

United Nations Children's Fund (UNICEF)
Committee for Environmental Protection under the
Government of the Republic of Tajikistan

OPENING SESSION I (09:00-09:20)**Welcome remarks and setting up context**

Catherine Russell, Executive Director of UNICEF
H.E. Ziyozoda Sulaimon, Deputy Prime Minister of
the Government of the Republic of Tajikistan
Mafalda Duarte, Executive Director of Green Climate
Fund

Anis Toshiro, President of the Youth for Water and
Climate Network

Children Live Performance: Voices of Melting Glaciers

SESSION II (09:30-09:40)**Multi-Ministerial Pledge on Children & Youth
Engagement in Glacier Preservation and Climate
Action****SESSION III (09:40-10:00)****Climate Action for the Next Generation: Crafting
Child-Sensitive NDC 3.0**

Orzu Odinaev, Expert on Climate and DRR, Visual
presentation format

SESSION IV (10:00-10:45)**Youth Action for Climate and Glacier Preservation**

Susmita Mishra, Echoes from the Unheard Glaciers:
Youth Voices from the Roof of the World, Nepal
Yuqing Luo, Machine Learning-Based
Chronostratigraphy of Tibetan Plateau Ice Cores
Shukurgeldi Myradov, Melting Ice, Rising Voices:
Lessons from Austria and Beyond and How Young
People Safeguard Glaciers and Water Futures
Namita Paudel, Spatial-Distribution Patterns and
Environmental Drivers of Microbial Communities in
the Trans-Himalayan Gandaki River
Mahmudov Sharif, Youth Engagement in Climate
and Water Initiatives: Perspectives from Tajikistan

SESSION V (10:45-11:45)**Table Discussion Format**

1. Climate-Resilient Cities and Villages: What Role Do Young People Play in Urban & Rural Adaptation?
2. Climate Education and Green skills for the Future: What Skills Do We Need to Tackle Climate Change?
3. Green Jobs, Green Futures: What Pathways are Open for Youth in the Green Economy?
4. Climate Action from the Ground Up: How Can Children and Youth Push for Policy Change?
5. Financing the Future: How Can We Make Climate Financing Work for Children?
6. Protecting the planet: How Can Technology and Innovation Help in climate adaptation
7. Youth & Green Entrepreneurship: Creating Sustainable Solutions for Glacier and Climate Preservation
8. From Awareness to Action: How Can We Mobilize Communities to Protect Glaciers?
9. Media Matters: How Can Youth Use Media to Influence Climate Action?
10. Youth in Climate Science: How Can Research Drive Real-World Change?

RAPPORTEUR:

Komronbek Avezov, President of the Youth for Water
and Climate Network

CONTACT PERSONS

Eri Dwivedi, UNICEF, edwivedi@unicef.org

Usnoro Dodikhudoeva, UNICEF, udodikhudoeva@unicef.org

Farukh Kosimov, UNICEF, fkasimov@unicef.org

Zebuniso Muminzoda, tajikistan@carececo.org



FORUM 3: Regional Forum on Glacier Monitoring and the Cryosphere in Central Asia

Date & Time: 29 May 2025, 09:30–15:00 | **Venue:** Agency of Hydrometeorology of Tajikistan

CO-ORGANIZERS

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)
Swiss Agency for Development and Cooperation (SDC)
Hydromet of Central Asian countries

OPENING SESSION (09:30–10:30)

H.E. Sulaimon Ziyozoda, Deputy Prime Minister of the Government of the Republic of Tajikistan
H.E. Bakhodur Sheralizoda, Chairman of the Committee for Environmental Protection under the Government of the Republic of Tajikistan
Rustam Latifzoda, Representative of the Parliament of the Republic of Tajikistan
Abdullo Kurbonzoda, Director of the Agency for Hydrometeorology under the Committee for Environmental Protection under the Government of the Republic of Tajikistan
York Schuegraf, Deputy Head of Mission, German Embassy in Tajikistan
Lisa Gampp, Swiss Agency for Development and Cooperation
Mathias Ulrich, German Environment Agency
Petteri Taalas, Director of the Institute of Meteorology of Finland
Celeste Saulo, Secretary-General, World Meteorological Organization (WMO)
Lidia Brito, Assistant Director-General for Natural Sciences, UNESCO
Victor Lutenco, Head of the International Organization for Migration Office in Tajikistan

COFFEE BREAK & GROUP PHOTO (10:30–11:00)



SESSION 1: GLACIER AND CRYOSPHERE MONITORING (11:00–12:20)

Speakers:

Vassiliy Kapitsa, Head of Laboratory of High-mountain Geocryology, Central-Asian Regional Glaciological Centre

Meerim Dzholdosheva, Head of Glaciological Observations Department, Ministry of Emergency, Kyrgyzstan

Ramazon Rahmonov, Head of the Glaciology Center of the Agency for Hydrometeorology of the Republic of Tajikistan

Maxim Petrov, Head of the Glacial Geology Center of Uzbekistan

Summary report from international partners

Martin Hoelzle, University of Fribourg, Switzerland

DISCUSSION

Moderator: **Jamila Baidulloyeva**, Deputy Director of the Agency for Hydrometeorology, COEP

SESSION 2: THE IMPACT OF CLIMATE CHANGE ON GLACIERS AND THE CRYOSPHERE (11:00–12:20)

Speakers:

Sandugash Ranova, Head of the Natural Hazards Laboratory, JSC «Institute of Geography and Water Security»

Eija Asmi, Head of Group, Senior Researcher «FMI Glacier monitoring activities in Central Asia»

Bolot Moldobekov, Co-director, Central-Asian Institute for Applied Geosciences

Gulomjon Umirzakov, Deputy Director of the Hydrometeorological Scientific Research Institute under the Uzhydromet

Akmal Gafurov, Head of Laboratory of the Hydrometeorological Scientific-research Institute:

Larissa Kogutenko, AF-GEF Project National Coordinator for Kazakhstan, UNESCO Regional Office in Almaty

DISCUSSION

Moderator: **Abror Gafurov**, GFZ Helmholtz Centre for Geosciences

LUNCH BREAK (12:20–13:20)

SESSION 3: THE CRYOSPHERE AS A KEY WATER SOURCE (13:20–14:40)*Speakers:*

Kenji Tanaka, Professor, Water Resources Research Center, Disaster Prevention Research Institute, Kyoto University

Daulet Kissebayev, Researcher, Laboratory for monitoring of the dynamics of snow and ice resources, Central-Asian Regional Glaciological Center

Natalya Ershova, Senior Researcher, Institute of Water Problems and Hydropower Engineering

Olga Strizhantseva, Head of the Laboratory of Surface Water Resources, Institute of Water Problems and Hydropower Engineering

Abror Gafurov, GFZ Helmholtz Centre for Geosciences

Stefanie Wesch, Potsdam Institute for Climate Impact Research (PIK)

Summary report from international partners:

Abror Gafurov, GFZ Helmholtz Centre for Geosciences

DISCUSSION

Moderator: **Yarash Pulatov**, Institute of Water Problems, Hydropower and Ecology of the National Academy of Sciences of Tajikistan

SESSION 4: RESPONDING TO CRYOSPHERE CHANGES IN CENTRAL ASIAN COUNTRIES (13:20–14:40)*Speakers:*

Alexsandr Nikolaenko, GLZ / Green Central Asia: insights from Climate Sensitive Water Resources Management in Central Asia

Tobias Siegfried, Hydrosolutions, Switzerland

Soumyadeep Banerjee, International Organization for Migration (IOM)

Stanislav Makhmudov, Specialist of the Climate Change Research Center of the Hydrometeorology Agency of Tajikistan, Regional Coordination Center for Cryosphere in Dushanbe

Iulii Didovets, Potsdam Institute for Climate Impact Research (PIK)

Summary report

Nazrilloh Sheralizoda, Director of the Center for Glacier Studies of the National Academy of Sciences of Tajikistan

DISCUSSION

Moderator: **Bolot Moldobekov**, Co-director, Central-Asian Institute for Applied Geosciences (CAIAG)

DISCUSSION (14:40–15:00)*General discussion acceptance of the final document*

Moderator: **Jamila Baidulloeva**, Deputy Director, Agency for Hydrometeorology under the Committee for Environmental Protection under the Government of the Republic of Tajikistan

COFFEE BREAK (15:00)**RAPPORTEUR:**

Caroline Milow, GLZ Project Manager - Green Central Asia II, Climate sensitive water resources management in Central Asia

CONTACT PERSONS:

Umed Komilov, umed.komilov@giz.de

Mehroj Rajabov, mehrojiddin.rajabov@gmail.com



FORUM 4: From IYGP to Decade of Action for Cryospheric Sciences, 2025-2034

Date & Time: 29 May 2025, 14:00–17:30 | **Venue:** Dushanbe Serena Hotel

CO-ORGANIZERS

United Nations Educational, Scientific and Cultural Organization (UNESCO)
Government of Tajikistan
Government of France

HIGH-LEVEL OPENING SESSION (14:00-14:30)

Moderator: **Sino Tohirzoda**, Director of the National Centre for Implementation of the Paris Agreement under the Committee for Environmental Protection under the Government of the Republic of Tajikistan

OPENING REMARKS

H.E. Elsa Pignol, The Ambassador of France to Tajikistan
Lidia Brito, Assistant Director-General for Natural Sciences, UNESCO
Loiq Rahmonzoda, Deputy Chairman of the Committee for Environmental Protection under the Government of the Republic of Tajikistan

KEYNOTE SPEAKER

John Pomeroy, Professor, UNESCO Co-Chair for the International Year of Glaciers' Preservation 2025 and member of the International Advisory Board for IYGP 2025

PANEL I (14:30–15:30)

Status of Cryospheric Science and Monitoring, Education and Capacity Building & Future Outlook

Izabella Koziell, Deputy Director General, ICIMOD
Sulagna Mishra, Scientific Officer in the Hydrology, Water and Cryosphere, WMO
Bolot Moldobekov, Co-Director, Central-Asian Institute for applied Geosciences (CAIAG)
Yuliya Vystavna, Research scientist at the International Atomic Energy Agency (IAEA)
Shakil Ahmad Romshoo, Principal Investigator, Centre of Excellence for Glacial Studies in the Western Himalaya
Elena Osipova, Programme Specialist, UNESCO
Moderator: **Ruth Nguma**, Associate Programme Specialist, UNESCO

COFFEE BREAK & GROUP PHOTO (15:30–15:50)

PANEL II: (15:50–16:35)

Socio-Economic Impacts and Resilience Building

Dipesh Chapagain, Senior Research Associate, Global Mountain Safeguard Research (GLOMOS)
Sabih Ud Din, Cryosphere Specialist, National Institute of Disaster Management, Pakistan
Evan Miles, Academic Associate, University of Zurich
Shattyk Tastemirova, Head of Adaptation to Climate Change Unit, Ministry of Ecology, Geology and Natural Resources of the Republic of Kazakhstan

Moderator: **Elena Osipova**, Programme Specialist, UNESCO

PANEL III: (16:35–17:20)

Policy, Advocacy, Campaign, and Financing

Pam Pearson, Director, International Cryosphere Climate Initiative (ICCI)
Yasmin Siddiqi, Director, Agriculture, Food, Nature, and Rural Development, ADB
Bapon Fakhruddin, Lead Climate & Hydrology Specialist, Green Climate Fund (GCF)
Sara Manuelli, Mountain Partnership Secretariat at FAO
Ansgar Fellendorf, Climate change and mountain specialist, Biodiversity, People and Landscapes Unit, Ecosystems Division, UNEP

Moderator: **Abou Amani**, Director, Water Sciences Division and Secretary of the Intergovernmental Hydrological Programme (IHP), UNESCO

NEXT STEPS & CLOSING REMARKS (17:20–17:30)

RAPPORTEUR:

Ruth Katui Nguma, Associate Programme Specialist, UNESCO

CONTACT PERSONS:

Elena Osipova, e.osipova@unesco.org
Ruth Nguma, rk.nguma@unesco.org

FORUM 5: Ministerial Dialogue on Climate Resilience, Glacier Preservation and Water Cooperation

Date & Time: 29 May 2025, 14:00–17:30 | **Venue:** Hyatt Regency Dushanbe, Grand Ballroom

CO-ORGANIZERS

Committee for Environmental Protection under the Government of the Republic of Tajikistan (CEP)
Regional Environmental Centre for Central Asia (CAREC)

REGISTRATION (13:30–14:00)

OPENING SESSION (14:00–14:25)

Moderator: **Stefan Uhlenbrook**, Director Hydrology, Water and Cryosphere program, WMO

OPENING REMARKS

H.E. Bahodur Sheralizoda, Chairman of the Committee for Environmental Protection under the Government of the Republic of Tajikistan
Zafar Makhmudov, Executive Director of CAREC

KEYNOTE SPEAKERS

Celeste Saulo, Secretary- General, World Meteorological Organization (WMO)
Grethel Aguilar, Director- General, International Union for Conservation of Nature (IUCN)

SESSION 1 (14:25–15:00)

Ministerial Dialogue on Climate Resilience, Glacier Preservation, and Water Cooperation

H.E. Yerlan Nyssanbayev, Minister of Ecology and Natural Resources of the Republic of Kazakhstan
H.E. Meder Mashiev, Minister of Natural Resources, Ecology, and Technical Supervision of the Kyrgyz Republic
H.E. Bahodur Sheralizoda, Chairman of the Committee for Environmental Protection under the Government of the Republic of Tajikistan
H.E. Charygeldi Babanyyazov, Minister of Environmental Protection of Turkmenistan
H.E. Aziz Abdukhakimov, Minister of Ecology, Environmental Protection, and Climate Change of the Republic of Uzbekistan
Yasmin Siddiqi, Director of Agriculture, Food, Nature and Rural Development sector, Asian Development Bank

GROUP PHOTO & COFFEE BREAK (15:00–15:30)

SESSION 2 (15:30–17:30)

Strengthening stakeholders' partnerships for Glaciers Preservation, Climate Adaptation, and Community Engagement in Regional Water Cooperation

Moderator: **Barbara Janusz-Pawletta**, Head of Regional Representative International Water Management Institute (IWMI) Office for Central Asia

OPENING STATEMENTS

Batyr Mamedov, Executive Director of CAREC
H.E. Bakyt Dzhusupov, Ambassador, Coordinator of Economic and Environmental Activities, OSCE

PRESENTATIONS

Brief presentation of the Blue Peace Central Asia (BPCA)

Barbara Janusz-Pawletta, Head of Regional Representative International Water Management Institute (IWMI) Office for Central Asia

The Role of Business in Water Cooperation

Zarina Sultonova, Public Affairs and Communications Officer, the Coca-Cola Foundation

The Regional Strategy on Climate Change Adaptation in Central Asia

Vladimir Grebnev, Regional Climate Change Specialist, CAREC

INTERACTIVE BUS STOP SESSION

Facilitated by: **Women in Water Management Network**

Patrizia Albrecht, OSCE Youth Network

Shohida Tulieva, OSCE Youth Network

Irina Yugay, CAREC, Academic Network

Marhabo Yodalieva, IWMI

CLOSING REMARKS

Summary of key messages and follow-up actions by Rapporteur

RAPPORTEUR

Nilay Dogulu, Consultant, Hydrology, Water Resources and Cryosphere Division- Services Department, WMO

CONTACT PERSONS

Zebuniso Muminzoda, Country Director in Tajikistan, tajikistan@carececo.org

Irina Yugay, Water Initiative Support Programme Manager a.i., wisspecialist@carececo.org

FORUM 6: Enhancing Transboundary Cooperation for Water Sustainability and Climate Resilience in Glacier Dependent Basins of Central Asia

Date & Time: 29 May 2025, 08:30 – 17:30 | **Venue:** Hilton Dushanbe Hotel

CO-ORGANIZERS

Interstate Commission for Water Coordination (ICWC)
 Swiss Agency for Development and Cooperation
 (SDC) - CROMO-Adapt, Blue Peace
 Organisation for Economic Co-operation and
 Development (OECD)
 International Water Management Institute (IWMI)
 World Bank – The Central Asia Water and Energy
 Program (CAWEP)
 German Agency for International Cooperation (GIZ)
 Green Central Asia
 United Nations Economic Commission for Europe
 (UNECE)
 United Nations Centre for Preventive Diplomacy
 (UNRCCA)

REGISTRATION (08:30-9:00)

OPENING SESSION (09:00-11:00)

**High-level Opening Statements and Scene Setting:
 Water, Food, Energy, and Environmental Security
 in Central Asia: Challenges and Opportunities**

H.E. Daler Shofakir Juma, Minister of Energy and
 Water Resources, Republic of Tajikistan
H.E. Nurjan Nurjigitov, Minister of Water Resources
 and Irrigation, Republic of Kazakhstan
H.E. Bakyt Torobaev, Minister of Water Resources,
 Agriculture and Processing Industry, Kyrgyz Republic
H.E. Durdi Gendjiyev, Chairman of the State
 Committee for Water Management, Turkmenistan
H.E. Shavkat Khamraev, Minister of Water Resources,
 Republic of Uzbekistan
Kaha Imnadze, Special Representative of the
 Secretary-General for Central Asia, UNRCCA
H.E. Christian Frutiger, Ambassador, Assistant
 Director General, Head of Thematic Cooperation, SDC
Askhat Orazbai, Chairman, Executive Committee of
 the International Fund for Saving the Aral Sea
Mark Smith, Director General, IWMI
Marco Kainer, Director of the Environmental Division
 of the UNECE
Natalia Alonso Cano, Chief of the Regional Office for
 Europe and Central Asia, UNDRR
Caroline Milow, GIZ Programme Manager at the
 Green Central Asia Project
Moderator: Dinara Ziganshina, Scientific Information
 Centre of the Interstate Commission for Water
 Coordination of Central Asia (SIC ICWC)

LAUNCH EVENT

**Launch of Blue Peace Central Asia 2.0 in Tajikistan:
 The signing ceremony of the MoU between
 Tajikistan and Switzerland**

GROUP PHOTO & BREAK (11:00-11:30)

SESSION I: (11:30-12:40)

**Strengthening Transboundary Governance and
 Policy Coordination**

Serik Bekmaganbetov, Deputy Chair of EC IFAS
Alexander Belokurov, Environmental Affairs Officer,
 UNECE
Charity Watson, Advisor on Climate, Peace and
 Security for the UN Assistance Mission in Afghanistan
Sergey Vinogradov, International Expert of UNRCCA
 (online)

Moderator: Philipp Saprykin, Deputy Head, UNRCCA

LUNCH BREAK (13:00-14:00)

SESSION 2: (14:00-15:30)

Science-Policy Interface for WEFE Nexus

Tomas Saks, Senior researcher, University of Fribourg,
 Switzerland
Joel Fiddes, SLF Researcher/ Mountainfutures GmbH
Zulfiya Yarullina, Senior Expert, SIC ICWC
Dave Gochis, Airborne Snow Observatories (CAWEP/
 World Bank)
Zafar Gafurov and **Iskandar Abdullaev**, IWMI
Sara Marjani Zadeh, FAO Sub-Regional Office for
 Central Asia
Mark Mulligan, King's College London
Elena Osipova, UNESCO Almaty Regional Office

Moderator: Iskandar Abdullaev, IWMI

BREAK (15:30-15:50)

SESSION 3: (15:50–17:00)**Climate-Resilient Solutions and Innovative Financing for WEFE Nexus**

Takayoshi Kato, Environmental Economist,
Organisation for Economic Co-operation and
Development (OECD)

Aleix Serrat-Capdevila, Senior Water Resources
Management Specialist, World Bank

James Dalton, Global Water and Wetlands Team
Lead, IUCN

Co-Moderators:

Thierry Ueberht, Swiss Agency for Development
and Cooperation, Bern, Switzerland

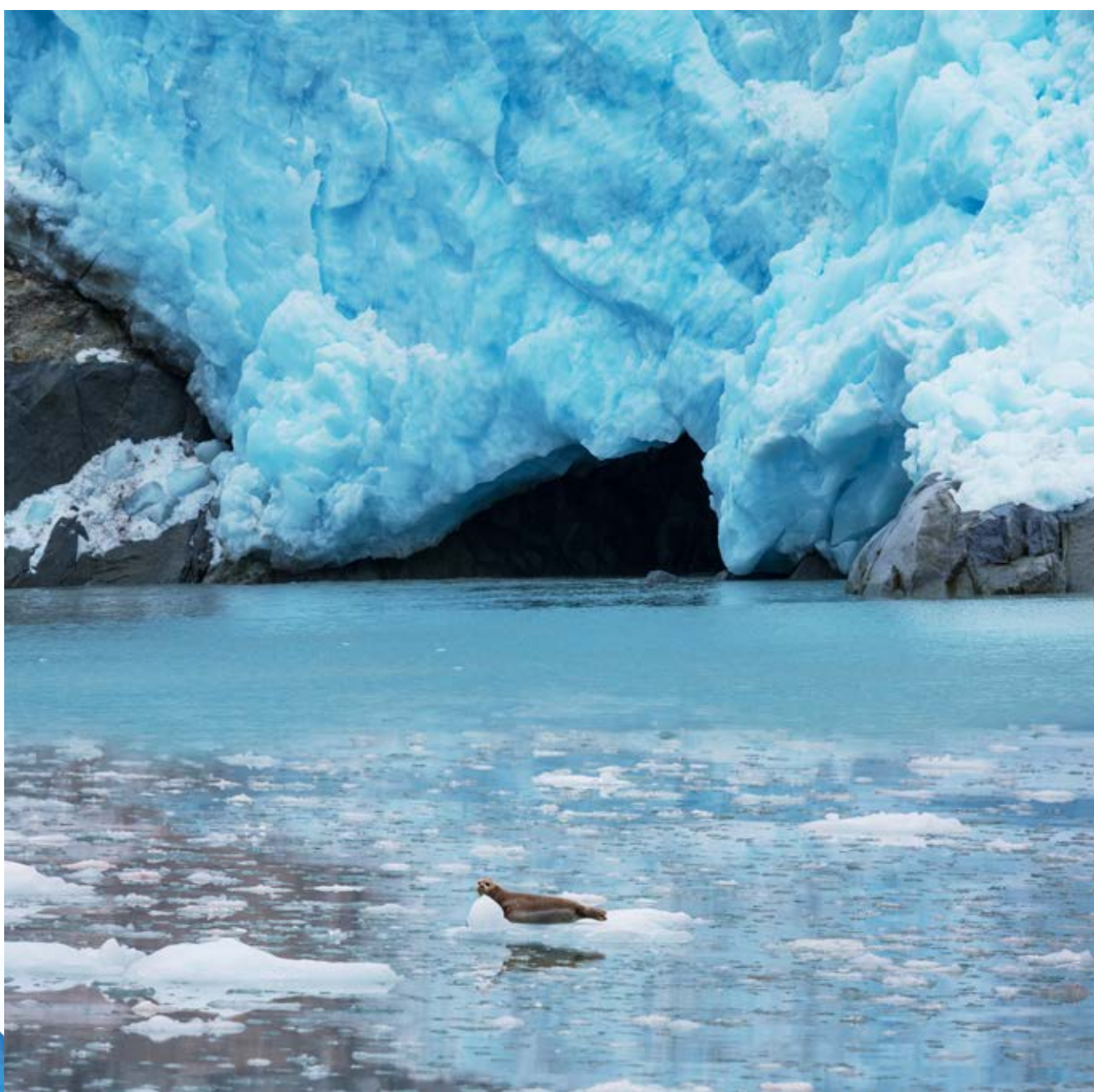
Ekaterina Strikeleva, Consultant, World Bank

CLOSING SESSION –**THE WAY FORWARD & KEY RECOMMENDATIONS****(17:00–17:30)****RAPPORTEUR**

Dinara Ziganshina, Scientific Information Centre of
the Interstate Commission for Water Coordination of
Central Asia (SIC ICWC)

CONTACT PERSON

Dinara Ziganshina, SIC ICWC, dinara.ziganshina@gmail.com



FORUM 7: Towards Sustainable Water Management in Central Asia: The Role of Cryosphere Monitoring in Water Allocation Decision-Making

Date & Time: 29 May 2025, 09:00–17:00 | **Venue:** National Library of Tajikistan, Hall #306

CO-ORGANIZERS

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)
Organization for Security and Co-operation in Europe (OSCE)
Ministry of Energy and Water Resources of the Republic of Tajikistan
European Union
German Federal Government

HIGH-LEVEL OPENING SESSION (09:00–09:30)

Water, Food, Energy, and Environmental Security in Central Asia: Challenges and Opportunities

Jamshed Shoimzoda, First Deputy Minister of Energy and Water Resources, Republic of Tajikistan
H.E. Raimundas Karoblis, Head of Delegation, Ambassador of the Delegation of the European Union to Tajikistan
H.E. Bakyt Dzhusupov, Ambassador, Office of the Co-ordinator of OSCE Economic and Environmental Activities (OCEEA), OSCE
H.E. York Schuegraf, Ambassador of Germany to Tajikistan
Sabine Olthof, GIZ Country Director in Tajikistan

KEYNOTE PRESENTATION (09:30–10:00)

Willy Kempel, Ambassador of OSCE to Tajikistan, Transboundary Water Diplomacy in Central Asia
Esteban Boj Garcia, Project Manager, GIZ

Moderator: **Esteban Boj Garcia**, Project Manager, GIZ

PANEL SESSION: (10:00–10:30)

Role of Cryosphere Research in Water Allocation Decision-Making in Central Asia

Daler Abdurazozoda, Head of the Main Department of Energy and Water Policy of the Ministry of Energy and Water Resources of the Republic of Tajikistan.
Gulomjon Umirzakov, Deputy Director, Hydrometeorological Research Institute of Uzbekistan
Qianggong Zhang, Representative of ICIMOD
Stepanov Alexandr, Representative of European Bank for Reconstruction and Development (EBRD)

Moderator: **Sharif Mahmudov**, Advisor for Integrated Water Resources Management

Q&A DISCUSSION (10:30–10:45)

TECHNICAL SESSION (10:45–11:50)

Ensuring Climate Resilience and Sustainable Water Management Through Science-Based Policies and Regional Cooperation

Stepanov Alexandr, Representative of EBRD
Ari Weiss, Country Coordinator, IMPACT Initiatives
Behruz Ilazarov, Climate Risk Management in Central Asia National coordinator
Kanstantsin Tsitou, GFA Consulting Group
Idibeg Mahmayusufzoda, Head of the Information and Analytical Center of the Ministry of Energy and Water Resources of Tajikistan.

Moderator: **Esteban Boj Garcia**, Project Manager, GIZ

CLOSING SESSION (11:50–12:00)

Remarks for the Conference Declaration

Jamshed Shoimzoda, First Deputy Minister of Energy and Water Resources, Republic of Tajikistan
Wulf-Hendrik Goretzky, GIZ IRDP/TRIGGER Project Director
Bakhriniso Narzullaeva, National Environmental Officer, Environmental Legislation and Policy, OSCE Programme Office in Dushanbe

RAPPORTEUR

Esteban Boj Garcia, Project Manager, GIZ

CONTACT PERSONS

Bakhriniso Narzullaeva, OSCE Programme Office in Dushanbe, Bakhriniso.Narzullaeva@osce.org
Sharif Mahmudov, GIZ Tajikistan, sharif.mahmudov@giz.de



FORUM 8: Women Forum on Glaciers Preservation**Date & Time:** 29 May 2025, 09:00–14:30 | **Venue:** National Library of Tajikistan, Central Hall**CO-ORGANIZERS**

United Nations Regional Centre for Preventive Diplomacy for Central Asia (UNRCCA)
 Committee on Women and Family Affairs under the Government of the Republic of Tajikistan
 Ministry of Foreign Affairs of the Republic of Tajikistan
 Ministry of Finance of the Republic of Tajikistan
 Academy of Sciences of Tajikistan
 UN Women
 United Nations Food and Population Agency (UNFPA)

REGISTRATION (08:00-09:00)**OPENING CEREMONY (09:00-09:50)**

Official Announcement of Tajikistan's Chairmanship of the Central Asia Women's Dialogue

WELCOMING REMARKS

H.E. Mansuri Dilrabo, Deputy Prime Minister of the Republic of Tajikistan
 Representative of the Majlisi Namoyandagon of the Majlisi Oli of the Republic of Tajikistan
Kakha Imnadze, Special Representative of the UN Secretary-General for Central Asia, Head of the UN Regional Centre for Preventive Diplomacy for Central Asia (UNRCCA)
Shapak Unzila, Member of the Committee on Legislation and Judicial and Legal Reform, Deputy of the Majilis of the Parliament of the Republic of Kazakhstan
Jyldyz Sadyrbaeva, Deputy Mayor of the Jogorku Kenesh of the Kyrgyz Republic
Orzigul Kozikhonova, Chairperson of the Senate Committee on Youth, Women, Culture and Sport of the Oliy Majlis

Moderator: **H.E. Bunafsha Fayziddinzoda**, Chairperson of the Committee on Women and Family Affairs under the Government of the Republic of Tajikistan

PANEL SESSION 1 (09:50–11:00)**Role of Women in Prevention and Adaptation to Climate Change**

Elisa Fernandez, Deputy Regional Director, UN Women Regional Office for Europe and Central Asia

Experts from Dialogue countries:

Koishibayeva Ainash, Head of Press Service of the Ministry of Ecology and Natural Resources of the Republic of Kazakhstan

Lurova Leyla Khiyanovna, Deputy Chairman of the Committee on International Affairs, Defense, Security and Migration of the Jogorku Kenesh of the Kyrgyz Republic

Moderator: **Abdulhamid Kayumov**, Professor, climatologist, Doctor of Medical Sciences, Corresponding Member of the Engineering Academy of Tajikistan, Centre for Glacier Research of the National Academy of Sciences of Tajikistan

PANEL SESSION 2 (11:00–12:10)**Successful Women's Initiatives in Glacier Conservation**

Dilorom Kayumova, Chairwoman of the Association of Women Studying Glaciers, Centre for Glacier Studies, Academy of Sciences of Tajikistan

Experts from Dialogue countries:

Saule Sabieva, Director of Climate Policy Department of the Republic of Kazakhstan

MODERATOR

Ela Ionescu, Partnerships and Resource Mobilisation Specialist, UN Women Regional Office for Europe and Central Asia

MEETING RESULTS (12:10–12:30)**LUNCH BREAK (13:00–14:00)****RAPPORTEUR**

Javohir Akobirova, Head of Department of Gender Development and International Relations, Committee on Women and Family Affairs under the Government of the Republic of Tajikistan

CONTACT PERSON

Javohir Akobirova, Head of Department of Gender Development and International Relations, Committee on Women and Family Affairs under the Government of the Republic of Tajikistan, a.javohir@mail.ru

SIDE EVENT 1: Advances in the Study of Tajikistan's Cryosphere: Current Achievements and Future Directions

Date & Time: 29 May 2025, 09:00–13:00 | **Venue:** Dushanbe Serena Hotel, Kuhsor Room

CO-ORGANIZERS

The National Academy of Sciences of Tajikistan
Mountain Societies Research Institute
University of Central Asia

WELCOME REMARKS

Kobiljon Khushvakhtzoda, President of the National Academy of Sciences of Tajikistan
Gerry Christopher, Rector of the University of Central Asia

KEYNOTE SPEECHES

Nazrialo Sheralizoda, Director, Centre for Glacier Research, NAST
Martin Hoelzle, Professor, Department of Geosciences, University of Fribourg, Switzerland
Kenji Tanaka, Professor, Disaster Prevention Research Institute, Kyoto University
Hofiz Navruzshoev, Research Fellow at the Mountain Societies Research Institute, University of Central Asia, and the Senior researcher at the Center for Glacier Research, NAST

SESSION 1: CRYOSPHERE DEGRADATION AND ITS IMPACTS

Martina Barandun, Senior Researcher, Department of Geoscience, University of Fribourg, Switzerland
Khusrav Kabutov, Head of the Glacier Monitoring, Glaciology, Cryosphere and GIS-Technology Department of the Centre for Glacier Research, NAST
Sanjar Sadyrov, Research Fellow at the Mountain Societies Research Institute, University of Central Asia

SESSION 2: GLACIAL AND PERIGLACIAL HAZARDS

Alisho Shomakhmadov, Leading researcher of the Centre for Glacier Research, NAST
Vitaly Zaginaev, Research Fellow at the Mountain Societies Research Institute, University of Central Asia

SESSION 3: FIELD RESEARCH AND INNOVATIVE METHODS

Munzifa Davlatova, Researcher, Center for Glacier Research, NAST
Arnaud Caiserman, Associate Director of the Mountain Societies Research Institute, University of Central Asia
Adolat Davlyatova, Researcher, Center for Glacier Research, NAST

SIDE EVENT CHAIRS

Nazrialo Sheralizoda, Director of the Centre for Glacier Research, National Academy of Sciences of Tajikistan
Arnaud Caiserman, Senior Research Fellow, Mountain Societies Research Institute, University of Central Asia

CONTACT PERSONS

Farrukh Homidov, Centre for Glacier Research of the National Academy of Sciences of Tajikistan, homidzodaf@gmail.com
Hofiz Navruzshoev, Mountain Societies Research Institute, University of Central Asia, hofiz.navruzshoev@ucentralasia.org



SIDE EVENT 2: Decentralised Sanitation Solutions Roundtable: Bridging Policy, Technology and Practice

Date & Time: 29 May 2025, 09:30–12:00 | **Venue:** Rumi Hotel

ORGANIZER

Bremen Overseas Research & Development Association (BORDA)

SESSION 1 (09:30-10:30)

WELCOME NOTE

Dr. Navruz Jafarov, Deputy Head of the State Sanitary and Epidemiological Surveillance Service (SESS), Ministry of Health and Social Protection of the Republic of Tajikistan (MoHSP)

PARTICIPANTS INTRODUCTIONS

PRESENTATION

BORDA Introduction, Observation in Sughd region, WASH & Climate change, Types of Sanitation Solutions, Financing Decentralised Sanitation Solutions (DSS)

Pavan Kumar Reddy, Country Director, BORDA Tajikistan

ROUNDTABLE DISCUSSION - SCALING UP DSS CHALLENGES AND OPPORTUNITIES

Moderator: **Pavan Kumar Reddy**, Country Director, BORDA Tajikistan

SESSION 2 (10:40-11:10)

PANEL DISCUSSION

Dr. Navruz Jafarov, Deputy Head of the Department of SESS, MoHSP, Government of the Republic of Tajikistan

Olivier Normad, Director, The International Secretariat for Water (ISW), Tajikistan

Saidmurod Qalandarov, Chief Engineer, State Unitary Enterprise, Dushanbe Vodokanal

Rajabali Rasulov, the Deputy of the Committee of Housing and Communal Services under the Government of the Republic of Tajikistan

Moderator: **Makhfirat Abdulloeva**, Deputy Project Manager, ISW

DISCUSSION TOPICS

- WASH, glacier preservation, and climate change interlinked in the context of Tajikistan
- Role of applied research in advancing sustainable sanitation solutions
- Opportunities for innovative financing mechanisms to support sanitation service delivery
- High-level assessment of the current work of NGOs in the WASH sector in Tajikistan
- DSS implementation with limited water and energy access

CONTACT PERSONS

Khizrddod Nazarov, Admin and HR Assistant, BORDA Tajikistan, nazarov@borda-wesca.org

Ramziya Mardonova, Junior Project Manager, BORDA Tajikistan, mardonova@borda-wesca.org



SIDE EVENT 3: Adaptation and Resilience to Glacial Hazards

Date & Time: 29 May 2025, 09:30–12:00 | **Venue:** Hyatt Regency Dushanbe

CO-ORGANIZERS

United Nations Economic and Social Commission for Asia and the Pacific (ESCAP)
United Nations Resident Coordinator's Office for Tajikistan
Agency for Hydrometeorology of Tajikistan
North EurAsia Climate Centre (NEACC)
The Asian and Pacific Centre for the Development of Disaster Information Management (APDIM)

REGISTRATION AND TEATIME (09:30-10:00)

OPENING SESSION (10:00-10:10)

Armida Salsiah Alisjahbana, Executive Secretary, ESCAP (TBC)

Rajabali Rahmonali, Colonel General Chairman, Committee for Emergency Situations and Civil Defense under the Government of the Republic of Tajikistan (TBC)

Kristine Tovmasyan, Head of United Nations Resident Coordinator Office for Tajikistan

Moderator: **Elena Pronina**, Disaster Risk Consultant, ESCAP

SESSION 1 - CLIMATE CHANGE AND ITS ASSOCIATED RISKS IN CENTRAL ASIA (10:10-10:40)

Elena Pronina, Disaster Risk Consultant, ESCAP

Aleksandr Aleynikov, Senior Researcher, IGCE

Letizia Rossano, Director, APDIM

Sulagna Mishra, Scientific Officer, WMO

SESSION 2 - TOOLS AND TECHNIQUES FOR CLIMATE ADAPTATION IN CENTRAL ASIA (10:40-11:25)

Valentina Khan, Executive Director, North EurAsia Climate Centre, WMO

Sanjay Srivastava, Chief, Disaster Risk Reduction, ESCAP

General Jamshed Kamolzoda, Head of the Main Department for Protection of Population and Territories, Committee of Emergency Situations and Civil Defense, Tajikistan

Representative from the government of Kazakhstan

Representative from the government of Kyrgyzstan

SESSION 3 - REGIONAL COLLABORATION (11:25-11:55)

Elena Arefieva, Head Researcher, All-Russian Scientific Research Institute for Civil Defence and Emergencies of the EMERCOM of Russia

Diana Aripkhanova, Project Officer, UNESCO

CLOSING REMARKS (11:55-12:00)

Sattar Saidov, Head of the Climate Change Research Center, Agency for Hydrometeorology of Tajikistan

Sanjay Srivastava, Chief, Disaster Risk Reduction Section, ESCAP

CONTACT PERSON

Ms. Elena Pronina, Disaster Risk Consultant, Consultant, ESCAP, elena.pronina@un.org



SIDE EVENT 4: Glaciers and Science**Date & Time:** 29 May 2025, 10:00–17:30 | **Venue:** National Library of Tajikistan, Conference Hall**CO-ORGANIZERS**

National Academy of Sciences of Tajikistan
 Xinjiang Institute of Ecology and Geography, CAS.
 Research Center for Ecology and Environment of
 Central Asia (Dushanbe)
 State Scientific Institution «Center for Research of
 Glaciers»
 Institute of Water Problems, Hydropower and Ecology

OPENING REMARKS (10:00-0:30)

Kobiljon Khushvakhtzoda, President of the National
 Academy of Sciences of Tajikistan
Yuanming Zhang, General Director of the Xinjiang
 Institute of Ecology and Geography, Chinese
 Academy of Sciences, Foreign Member of the
 National Academy of Sciences of Tajikistan

KEY REPORTS (10:30-11:10)

Abdulhamid Kayumov, Senior Scientific Researcher,
 Glacier Research Center of the National Academy of
 Sciences of Tajikistan
Ninglian Wang, Professor, Northwest University, China

GROUP PHOTO & COFFEE BREAK (11:10-11:30)**PANEL SESSION (11:30-13:00)**

**The Role of Glaciers in the Regulation of Water
 Resources and Water Issues in Central Asia**
Anvar Khomidov, Head of Department, Glacier
 Research Center of the NAST
Yaning Chen, Professor, Xinjiang Institute of Ecology
 and Geography of the Chinese Academy of Sciences
Jafar Niyazov, Head of the Laboratory, Institute of
 Water Problems, Hydropower and Ecology of the NAST
Weili Duan, Deputy Director, Xinjiang Institute of
 Ecology and Geography of the Chinese Academy of
 Sciences
Ryskul Usubaliyev, Senior Researcher, Central
 Asian Institute of Applied Earth Research, Bishkek,
 Kyrgyzstan
Jamshed Abdushukurov, Senior Research Fellow,
 Institute of Water Problems, Hydropower and Ecology
 of the NAST
Moderator: Zhang Yuanming, General Director of
 the Xinjiang Institute of Ecology and Geography,
 Chinese Academy of Sciences, Foreign Member of the
 National Academy of Sciences of Tajikistan

**LUNCH BREAK – HALL OF THE NATIONAL LIBRARY
 OF TAJIKISTAN (13:00-14:00)****PANEL SESSION (14:00-15:30)****Climate Change Impacts on Glaciers and Nival
 Ecosystems**

Kurbon Nomvar, Head of Department, Institute of
 Water Problems, Hydropower and Ecology of the NAST
Ningsheng Chen, Professor, Yangtze University, China
Yaoming Ma, Professor, Institute for Tibetan Plateau
 Research, Chinese Academy of Sciences
Xiangbin Cui, Deputy Director, Center for Ice, Snow
 and Climate at the Polar Research Institute of China
Sitora Mirzokhonova, Senior Researcher, Institute
 of Water Problems, Hydropower and Ecology of the
 NAST
Ghulam Rasul, Advisor, China-Pakistan Joint
 Research Center, Islamabad
Moderator: Aminjon Gulahmadzoda

COFFEE BREAK (15:30-15:50)**PANEL SESSION (15:50-17:05)****Modern Methods of Glacier Monitoring**

Mustafo Safarov, Special Research Assistant, Xinjiang
 Institute of Ecology and Geography of the Chinese
 Academy of Sciences
Feiteng Wang, Professor, Northwest Institute of
 Eco-Environment and Resources, Chinese Academy of
 Sciences
Abror Ghafurov, Regional Coordinator, GFZ
 Helmholtz Center for Geosciences, Potsdam, Germany
Alexey Dudashvili, Secretary, Candidate of
 Geological and Mineralogical Sciences, Tien Shan
 Geological Society of Kyrgyzstan
Maksim Petrov, Head of the Department of
 Glaciology, Institute of Geology and Geophysics
 named after Kh. M. Abdullaev, University of
 Geosciences of Uzbekistan
Moderator: Yaoming Li

**OPEN DISCUSSION AND DEVELOPMENT
 OF RECOMMENDATIONS (17:05-17:30)****CONCLUSION (17:30)****CONTACT PERSONS**

Nazrialo Sheralizoda, Director of the State Scientific
 Institution "Center for Research of Glacier", nazrialo@
 mail.ru
Majid Gulayozov, Executive Director of the Scientific
 Research Center for Ecology and Environment of
 Central Asia, Dushanbe, majid1983@mail.ru

SIDE EVENT 5: Science Diplomacy for Glacier Preservation and Transboundary Water Resilience in the Hindu Kush Himalaya (HKH)

Date & Time: 29 May 2025, 10:00–11:30 | **Venue:** National Library in Dushanbe, Hall 303 (hybrid)

CO-ORGANIZERS

IYGP Task Force 2
International Centre for Integrated Mountain Development (ICIMOD)
The Asia-Pacific Water Forum (APWF)
United Nations Economic and Social Commission for Asia and the Pacific (ESCAP)
Clean Air Fund (CAF)
UNESCO Chair in Mountain Water Sustainability
The Small Earth Nepal (SEN)

WELCOME AND OPENING REMARKS (10:00-10:10)

Anshuman Varma, Environment Affairs Officer, Environment and Development Policy Section, Environment and Development Division, ESCAP
Shahbaz Khan, APWF Vice Governing Council Chair c/o Director of the UNESCO Office in Beijing and UNESCO Representative to the Democratic People's Republic of Korea, Japan, Mongolia, People's Republic of China, and the Republic of Korea (online)

KEYNOTE PRESENTATION

Izabella Koziell, Deputy Director General, ICIMOD



HIGH-LEVEL PANEL DISCUSSION (10:10-11:05)

From Science to Solutions: Scaling Regional Action

Qianggong Zhang, Strategic Group Lead, Climate and Environmental Risks, ICIMOD

Sampriti Mukherjee, Super Pollutants Portfolio - Focusing on impacts of black carbon emissions on glacier melting and Cryosphere warming, Clean Air Fund

Sanjay Shrivastava, Chief, Disaster Risk Reduction, ESCAP

Anamika Barua, Professor, Indian Institute of Technology, Guwahati, India (online)

Bushra Nishat, Environmental Specialist, World Bank, Bangladesh (online)

Susa Manandhar, Small Earth Nepal (Youth representative) (online)

MODERATORS

Faisal Mueen Qamer, ICIMOD (on-line)

Anshuman Varma, Environment Affairs Officer, Environment and Development Policy Section, Environment and Development Division, ESCAP

INTERACTIVE Q&A SESSION WITH AUDIENCE (11:05-11:20)

Invite comments from participants representing civil society, development agencies, and academia

CLOSING REFLECTIONS AND RECOMMENDATIONS (11:20-11:30)

*Summary of key takeaways and Wrap-up remarks
Highlight next steps and pathways for integrating outcomes into global and regional agendas*

Shahbaz Khan, APWF Vice Governing Council Chair c/o Director of the UNESCO Office in Beijing and UNESCO Representative to the Democratic People's Republic of Korea, Japan, Mongolia, People's Republic of China, and the Republic of Korea (online)

CONTACT PERSON

Yumiko Asayama, Chief Manager, Asia-Pacific Water Forum, asayama@waterforum.jp

Anshuman Varma, Environment Affairs Officer, Environment and Development Policy Section, Environment and Development Division, ESCAP, varmaa@un.org

Sampriti Mukherjee, Senior Analyst, Super Pollutants, Clean Air Fund, smukherjee@cleanairfund.org

SIDE EVENT 6: The Role of Mass Media and Social Networks in the Study and Preservation of Glaciers

Date & Time: 29 May 2025, 10:00–13:30 | **Venue:** Lomonosov Moscow State University, Dushanbe

CO-ORGANIZERS

Embassy of the Russian Federation in the Republic of Tajikistan
Lomonosov Moscow State University in Dushanbe
(Dushanbe, Tajikistan)

OPENING REMARKS (10:00-10:10)

Rustam Gafur Ghanizoda, Executive Director of the Branch of Lomonosov Moscow State University in Dushanbe, Doctor of Economic Sciences
Representative of the Embassy of the Russian Federation in the Republic of Tajikistan

Moderator: **Mirzo Saidov**, Doctor of Geological and Mineralogical Sciences, Professor at the Branch of Lomonosov Moscow State University in Dushanbe.

PANELISTS (10:20 -13:00)

Ansor Niyazov, Candidate of Geological and Mineralogical Sciences, Leading Researcher of the Geography and Remote Sensing Department of the National Academy of Sciences of Tajikistan.

Uktam Murtazoev, Professor of the Physical Geography Department of the Tajik Tajik State University named after S. Aini

Vaisiddin Yatim Saidzoda, Candidate of Chemical Sciences, Deputy Director for Science and Education of the State Scientific Institution, Glacier Study Center of the National Academy of Sciences of Tajikistan.

Khanafiya Mukhamadrajab, Journalist at "Ilm va Tabiat" (Science and Nature TV), Tajikistan.

Zebuniso Muminzoda, Country Director of the Regional Environmental Centre for Central Asia (CAREC) in Tajikistan.

Khudoydod Kudratov, Head of the Information Department of the Hydrometeorology Agency of the Committee for Environmental Protection under the Government of the Republic of Tajikistan.

Farid Salikhov, Doctor of Geological and Mineralogical Sciences, Associate Professor at the Branch of Lomonosov Moscow State University in Dushanbe.

Kholnazar Mukhabatov, Doctor of Geographical Sciences, President of the Geographical Society of Tajikistan, Professor at the S. Ayni Tajik State Pedagogical University.

CONTACT PERSON

Khosiyat Komilova, tel: 992 98 562 2323



SIDE EVENT 7: Isotopes and Innovative Technologies in Glacier Studies

Date & Time: 29 May 2025, 13:30–15:00 | **Venue:** Dushanbe Serena Hotel

CO-ORGANIZERS

National Academy of Sciences of Tajikistan
International Atomic Energy Agency (IAEA)
State Scientific Institution "Glacier Research Center of the NAST"
Agency for Chemical, Biological, Radiological, and Nuclear Safety of the Academy of Sciences of Tajikistan

WELCOME REMARKS (13:30-13:40)

Ilhom Amonzoda, Vice-President, National Academy of Sciences of Tajikistan (NAST)

Yulia Vystavnaya, Representative, International Atomic Energy Agency (IAEA)

Ilhom Mirsaidzoda, Director, Agency for Chemical, Biological, Radiological, and Nuclear Safety, NAST

Nazrialo Sheralizoda, Director, Glacier Research Center, NAST

PRESENTATIONS (15:10-15:25)

Yulia Vystavnaya, Professor of Hydrogeology, Institute of Hydrology, Slovak Academy of Sciences

Maria Shahgedanova, Professor of Climatology, Walker Institute for Climate System Research, University of Reading, United Kingdom

Ladislav Holko, IAEA Expert in Isotope Hydrology

Farzona Mukhidinnova, Researcher, Agency for Chemical, Biological, Radiological, and Nuclear Safety of the Academy of Sciences of Tajikistan, Department of Research and Quality Assurance

Dilorom Kayumova, Leading Researcher, Laboratory of "Water Quality, Isotopes, and Sanitation," State Scientific Institution "Glacier Research Center of NAST"

Q&A DISCUSSION (14:40-14:50)

CONCLUSION AND ADOPTION OF THE RESOLUTION (14:50-15:00)

CONTACT PERSON

Dilorom Kayumova, Leading Researcher, Laboratory of "Water Quality, Isotopes, and Sanitation," State Scientific Institution "Glacier Research Center of NAST", diliorom@yahoo.com



SIDE EVENT 8: CICA Side Event on "Water Security and Climate Resilience: Addressing the Environment Challenges in CICA Member States"

Date & Time: 29 May 2025, 14:00–15:30 | **Venue:** Hilton Hotel Dushanbe, Ayni Hall

CO-ORGANIZERS

The Conference on Interaction and Confidence-Building Measures in Asia (CICA) Chairmanship of the Republic of Azerbaijan with the support of the CICA Secretariat

WELCOMING REMARKS (14:00-14:15)

H.E. Alimirzamin Askerov, Ambassador of the Republic of Azerbaijan to the Republic of Tajikistan
Isfandiyor Shukurzoda, First Deputy Chairman of the Committee for Environmental Protection under the Government of the Republic of Tajikistan
Zhang Ling, CICA Deputy Secretary General

Moderator: **Kamran Seyfullayev**, Second Secretary of Regional Security Department of the MFA of the Republic of Azerbaijan

KEYNOTE SPEAKERS (14:15-14:30)

Shahin Shahyarov, Acting Director of Analysis and Strategic Studies Department of the MFA of the Republic of Azerbaijan, Senior Representative of COP29 Presidency

Ugur Turan, Expert in the environmental dimension of the CICA Secretariat

OPEN DISCUSSION (14:30-15:15)

Lutfi Akca, President of Turkish Water Institute (SUEN)
Buyannemekh Boris, Director General of Monitoring, Evaluation and Internal auditing department of the Ministry of Environment and Climate Change of Mongolia

Winai Wangpimool, Director of Foreign Affairs Division of the Mekong River Commission Secretariat for sustainable development of Thailand

Fariza Abduova, Head of Division for Multilateral Cooperation, Department of International Cooperation, Ministry for Ecology and Natural Resources of Kazakhstan (online)

Kong Zhe, Deputy Division Director, Foreign Environmental Cooperation Center, Ministry of Ecology and Environment of China (online)

INTERNATIONAL ORGANIZATIONS

Anshuman Varma, Economic Affairs Officer, Environment and Development Division, ESCAP

Bakytzhan Arystanbek, Project manager at Islamic Organization for Food Security (IOFS)

Margulan Ibraimov, a referent of the Shanghai Cooperation Organization Secretariat (SCO)

Q&A SESSION (15:15-15:25)

CLOSING REMARKS (15:25-15:30)

Key take-away messages by the Moderator,

Kamran Seyfullayev, Second Secretary of Regional Security Department of the MFA of the Republic of Azerbaijan

CONTACT PERSONS

Ugur Turan, CICA Secretariat, ugur.turan@s-cica.org

Narbota Tursynkhan, Personal Assistant to the CICA Deputy Secretary General, narbota@s-cica.org



SIDE EVENT 9: Catalyzing Global Action for Glacier Resilience: Civil Society Experience from Central Asia

Date & Time: 29 May 2025, 14:00–17:00 | **Venue:** Rumi Hotel, Dushanbe

CO-ORGANIZERS

Federal Republic of Germany
Welt Hunger Hilfe (WHH)
Youth Ecological Center of Tajikistan (YEC)
The Little Earth (LE)
Tajikistan Nature Foundation (TNF)
United Nations Environment Programme (UNEP)

MODERATORS

Qumriya Vafodorova, Welt Hunger Hilfe (WHH)
Yuri Skochilov, Youth Ecological Center of Tajikistan (YEC)
Anisa Abibuloeva, The Little Earth (LE)

WELCOME REMARKS (14:00-14:10)

Committee for Environmental Protection under the Government of the Republic of Tajikistan
H.E York Schuegraf, Ambassador of Germany to Tajikistan
Blanka Roberts, WHH Country Director in Tajikistan

PRESENTATION & VIDEO (14:10-14:35)

Yuri Skochilov, Director, "Youth Ecological Center", head of Tajik Climate Change Network, Dushanbe

PANEL DISCUSSION (14:35-15:35)

Community-Driven Adaptation: Global Strategies

Anara Alymkulova, Executive Director, Institute of Sustainable Development Strategy Public Fund, Kyrgyzstan
Bulat Yessekin, Coordinator, The Central Asian Platform on Water and Climate Change, Kazakhstan
Mirzonazar Mirzoev, Director of NGO, Tajikistan Nature Foundation (TNF)
Nargis Kasimova, Chairman of Ecology Public Association, Uzbekistan
Salamat Jumabaeva, Manager, CAMP «Alatoo», Kyrgyzstan

Q&A DISCUSSION & VIDEO (15:35-15:50)

PANEL DISCUSSION (15:50-16:45)

Empowering Gender & Youth in the Climate Crisis: Civil Society's Role in Glacier Preservation & Adaptation

Beginmay Baatyrbekova, Director of NGO «Zherdin Bapdary», Kyrgyzstan
Alla Kuvatova, Director of NGO "Gender and Development", Tajikistan
Ahmad Akramov, Project coordinator of NGO "Youth Ecological Center", Dushanbe
Ikrom Mamadov, Director of "Youth Group on Protection of Environment" (YGPE), Khujand
Anton Timoshenko, Project coordinator of NGO "Little Earth", Dushanbe

Q&A DISCUSSION (16:45-16:55)

CLOSING REMARKS (16:50-17:00)



SIDE EVENT 10: Glaciers, the 3rd Pole and the Central Asian Flyway of Migratory Birds**Date & Time:** 29 May 2025, 14:00–16:00 | **Venue:** Rumi Hotel, Dushanbe**CO-ORGANIZERS**

Hanns Seidel Foundation Korea
Central Asian Conservation Network
Ramsar Regional Initiative for Central Asia
Independent Evaluation Unit, Green Climate Fund
East Asian-Australasian Flyway Partnership (EAAFP)

MODERATOR

Hyun-Ah Choi, Hanns Seidel Foundation Korea

SELF-INTRODUCTIONS (14:00-14:05)**PRESENTATIONS (14:05-14:45)**

Andreas Reumann, Head, Independent Evaluation Unit, Green Climate Fund
Maksim Mitropolskiy, CEPA focal point of Ramsar Convention in the Republic of Uzbekistan, Ramsar Regional Initiative for Central Asia
Khurshed Alimov, Co-chair, Central Asian Conservation Network, Tajikistan
Minjae Baek, EAAFP Secretariat
Jeremie Berlioux, Director of the Nature Foundation, Kyrgyzstan (pre-recorded)

SPECIAL REVIEW (14:45-15:00)

Review of information and recommendations from the Ramsar Convention Secretariat

Musonda Mumba, Secretary General of the Convention on Wetlands

DISCUSSION, Q&A AND CLOSING (15:00)

General discussion and closing remarks by **Hyun-Ah Choi**, Hanns Seidel Foundation Korea



SIDE EVENT 11: Melting Po(in)t: An Intergenerational Dialogue on Glacier and Water Issues

Date & Time: 29 May 2025, 14:00–15:45 | **Venue:** National Library of Tajikistan, 2nd floor

CO-ORGANIZERS

Central Asia Youth for Water (CAY4W)
Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)
GFA Consulting Group GmbH
HELVETAS Intercooperation gGmbH
European Union (EU)
German Federal Ministry for Economic Cooperation and Development (BMZ)

WELCOMING SPEECHES (14:00-14:10)

Sabine Olthof, GIZ Country Director in Tajikistan
Isabel Uriz Hernandez, Representative of the European Union Delegation in Tajikistan
SDC Representative

WELCOME AND KICK-OFF QUIZ: HOW MUCH DO YOU KNOW ABOUT GLACIERS (14:10-14:20)

Moderator: **Kunduz Adylbekova**, CAY4W and CAPA

SESSION I (14:20-15:00)

From legacy to innovation: Intergenerational, sustainable solutions for glacier protection and climate adaptation

Anisa Abibulloeva, IRDP/TRIGGER, Water Output, GFA Consulting Group
Amanbek Kerimbekov, CAY4W
Abdimalik Egemberdiev, Kyrgyz Jaiyty, CAPA
Martina Barandun, Adventure of Science
Anvar Khomidov, Center for the Study of Glaciers of the National Academy of Sciences of Tajikistan

Moderator: **Samar Kanatov**, CAY4W

SESSION II (15:00-15:30)

Bridging the gap: intergenerational dialogue on challenges & solutions on glacier and water issues

What are the challenges affecting the gap between youth, grassroots action and academia-led glacier science activities? - TBC

Samar Kanatov, GIZ Kyrgyzstan and CAY4W
How can Central Asian academia benefit youth and grassroots action on glacier and water issues? - TBC, Academy of Sciences of Tajikistan

Kanstantsin Tsitou, IRDP/TRIGGER, Water Output, GFA Consulting Group

Moderator: **Kunduz Adylbekova**, CAY4W and CAPA

CLOSING REMARKS AND KEY TAKE-AWAYS (15:30-15:45)

Kunduz Adylbekova, CAY4W and CAPA

CONTACT PERSON

Sara Scardavilli, International Secretariat for Water, sscardavilli@sie-isw.org



SIDE EVENT 12: Pathways to Action: Tackling Super Pollutants for Glacier Preservation for the High-Level International Conference on Glaciers' Preservation

Date & Time: 29 May 2025, 14:00–15:30 | **Venue:** Hotel Atlas

CO-ORGANIZERS

UNEP-hosted Climate and Clean Air Coalition (CCAC)
Clean Air Fund

WELCOME AND OPENING REMARKS (14:00-14:05)

Kristin Campbell, Programme Specialist
(Governance, Strategy) - Climate and Clean Air
Coalition

PRESENTATION (14:05-14:15)

**Global impact of black carbon emissions on
cryosphere regions**

Sampriti Mukherjee, Senior Analyst, Super
Pollutants Portfolio, Clean Air Fund

PANEL DISCUSSION (14:15-15:10)

**Impact of super pollutants on glacier melting and
cryosphere warming in different regions**

KEYNOTE SPEAKERS

Rolf Rødven, Executive Secretary, Arctic Monitoring
and Assessment Program (AMAP)

Umed Vahobov, Programme Specialist/Team Leader
on Climate Change, Energy, and Environment, UNDP
Tajikistan

Pam Pearson, Executive Director, International
Cryosphere Climate Initiative (ICCI)

Ganesh Paudel, Member Secretary, President Chure
Terai-Madhes Conservation Development Board,
Government of Nepal

Chris Dickinson, Senior Climate Change Specialist,
Asian Development Bank

Interactive discussion on policy and solutions

Moderator: Kristin Campbell, CCAC

INTERACTIVE Q&A SESSION WITH AUDIENCE (15:10-15:20)

Moderator: Kristin Campbell, CCAC

CLOSING REFLECTIONS AND RECOMMENDATIONS (15:20-15:30)

Qianggong Zhang, Strategic Group Lead, Climate
and Environmental Risks, ICIMOD

CONTACT PERSON

Sampriti Mukherjee, Position Senior Analyst – Super
Pollutants, Clean Air Fund, smukherjee@cleanairfund.org



SIDE EVENT 13: Song of Glacier

Date & Time: 29 May 2025, 14:00–17:00 | **Venue:** Botanical Garden of Dushanbe

ORGANIZER

Swiss Cooperation Office Tajikistan

SOFT OPENING OF THE EXHIBITION (14:00)

Open and free for public

Self-guided tours through the exhibition installations

Explanations provided by local artists and scientists to visitors in Russian and Tajik

OFFICIAL OPENING (17:30)

Opening remarks by Ambassador and Assistant Director General of SDC, **H.E. Christian Frutiger**

Guided tour for visitors (in English)

Exchange with participants, scientists and artists

CONCEPT

The concept of the current exhibition consists of a responsive artistic reflection against selected scientific data on glaciers. The composed concept is dedicated to Dushanbe High-level International Conference devoted to the IYGP 2025. The title of the exhibition, "Song of the Glacier," refers to the tradition of the Central Asian region of lamenting the departing individual and the connection with nature. The exhibition will be interactive, attractive, using multimedia tools and contemporary art forms.

It is structured around three main lines: from regions to countries, from countries to localities, and from localities to individuals. The exhibition symbolizes various memories of glaciers – vast masses (the

sound of wind, voices, sounds of time, air bubbles, traces of disasters, changes to the planet, and climatic cycles). Thus, the loss of glaciers is perceived as a loss of knowledge about the world, our nature, and the planet. The glacier holds the past, and as it disappears, we lose knowledge of our planet. From the perspective of the main message, the exhibition is not focused on the horrors of glacier melting, however more on the positive processes that society could contribute to slow down the ecological disaster. The viewer journeys through the exhibition, engaging their senses of sight, touch, and sound.

The goal of the exhibition is to positively influence attitude of people towards the issues of glacier disappearance, seeking social support and involvement through rethinking the narrative of the memory of countries, localities, and individuals among the youth. Synergized scientific, documentary, and artistic processes will contribute to raise awareness about glacier melting and human actions.

CONTACT PERSONS

Muattarkhon Bashirova, Officer for Cultural Affairs, muattarkhon.bashirova@eda.admin.ch

Svetlana Jumaeva, Senior NPO for Climate Change and DRR, svetlana.jumaeva@eda.admin.ch

Paul Waldmann, Programme Officer, paul.waldmann@eda.admin.ch

Pascal Walther, Regional Programme Officer for DRR and Rapid Response, pascal.walther@eda.admin.ch



SIDE EVENT 14: Water Resources Stereoscopic Monitoring in Tajikistan**Date & Time:** 29 May 2025, 14:00–16:00 | **Venue:** National Library of Tajikistan, 2nd floor**CO-ORGANIZERS**

University of Electronic Science and Technology of China
 Institute of Water Problems, Hydropower and Ecology of the National Academy of Sciences of Tajikistan
 Zhejiang University of Technology
 Northwest Institute of Eco-Environment and Resources, Chinese Academy of Sciences

WELCOMING SPEECHES (14:00-14:10)

Aminjon Gulakhmadov, Director/Professor, Institute of Water Problems, Hydropower and Ecology of the National Academy of Sciences of Tajikistan
Liu Hailong, Professor, University of Electronic Science and Technology of China

WELCOME AND KICK-OFF QUIZ (14:10-14:20)

How much do you know about water resource monitoring?

MODERATOR

Yaoming Li, Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences
Aminjon Gulakhmadov, Director/Professor, Institute of Water Problems, Hydropower and Ecology of the National Academy of Sciences of Tajikistan

SESSION (14:20-15:00)

Aminjon Gulakhmadov, Director/Professor, Institute of Water Problems, Hydropower and Ecology of the National Academy of Sciences of Tajikistan, "Hydrological analysis of Tajikistan"
Chunhai Xu, Vice-director/Professor, Northwest Institute of Eco-Environment and Resources, Chinese Academy of Sciences, "Glacier protection and monitoring programs"
Hailong Liu, Professor, University of Electronic Science and Technology of China, "Monitoring methods for water resources Internet of Things"
Tie Liu, Professor, Zhejiang University of Technology, "Optimizing the allocation of water resources"

DISCUSSION

14:20 to 15:00 - Discuss on the technical issues of water resource monitoring in arid areas
 15:00 to 15:40 - Discussing on how to sustainably utilize water resources in arid regions

OPEN DISCUSSION WITH AUDIENCE (15:30-15:45)**CONTACT PERSON**

penggao@uestc.edu.cn



SIDE EVENT 15: Strategies for Sustainable Use of Water Resources

Date & Time: 29 May 2025, 14:00–15:30 | **Venue:** Russian-Tajik Slavic University

CO-ORGANIZERS

ECUMENE Global Forum

MODERATOR

Elena Borisenko, Deputy Chairwoman of the Board of Management, Bank GPB (JSC)

PARTICIPANTS

Ruslan Edelgeriev, Assistant of the President of the Russian Federation, Special Representative of the President of the Russian Federation on Climate Issues

Vyacheslav Fetisov, UN Goodwill Ambassador, Chairman of the Central Council of the All-Russian Society for Nature Protection

Leyla Aliyeva, Vice-President of the Heydar Aliyev Foundation, Head of the IDEA Association

Natalia Tornkvist, President of 'Revival of Nature' Charitable Foundation, Member of the Public Council of the Federal Service for Supervision of Natural Resources Management

Zafar Makhmudov, Executive Director of the Regional Environmental Centre for Central Asia (CAREC)

Representative of Tajikistan

KEY DISCUSSION QUESTIONS

- What strategies and technologies can help to achieve the goals of economic development, freshwater preservation, water security and adaptation to climate change?
- What mechanisms can involve business, NGOs and citizens in preservation and rehabilitation of water resources, including glaciers and degraded waters?
- How to set up cooperation between countries, industry and science to manage transboundary resources and to create a common road map for water security?

CONTACT PERSON

Valeria Danilenko, Deputy Managing Director, Bloomgroup, v.danilenko@bloomgroup.ru



SIDE EVENT 16: Human Mobility and Climate Change in Mountain Areas: Priorities for action

Date & Time: 29 May 2025, 14:00–16:30 | **Venue:** Ministry of Labor, Migration, and Employment of Population, Conference Hall

CO-ORGANIZERS

The International Organization for Migration (IOM)
Ministry of Labor, Migration, and Employment of
Population of the Republic of Tajikistan

WELCOME REMARKS (15:00-15:10)

H.E. Soleha Khomahmadzoda, Minister of Labor,
Migration, and Employment of Population, Republic
of Tajikistan

Victor Lutenco, Chief of Mission, International
Organization for Migration, Tajikistan

PRESENTATION - MIGRATION, CLIMATE CHANGE, AND MIGRATION (15:10-15:25)

Soumyadeep Banerjee, Regional Technical Specialist
on Climate Action and Mobility, Climate Action
Division, Regional Office for Europe and Central Asia,
International Organization for Migration

PANEL DISCUSSION (15:25-16:15)

Bahrom Samadov, Head of the Department
of Migration of Population, Ministry of Labour,
Migration, and Employment of Population,
Government of the Republic of Tajikistan

Sattor Saidov, Head of the Center for the Study
of Climate Change and Ozone Layer, Agency
for Hydrometeorology of the Committee of
Environmental Protection, Government of the
Republic of Tajikistan

Victor Lutenco, Chief of Mission, International
Organization for Migration

Sana Zia, Senior Social Development Specialist,
Global Department for Social Development, Planet
Department Europe and Central Asia Region, World
Bank

Manizha Rahmonzoda, Masters student of Kazakh
German University, Regional administration of IFAID,
Kulob City

Moderator: **Stefania Corrado**, Advocacy and
Communications Expert, Mountain Partnership
Secretariat at the Food and Agriculture Organization
of the United Nations

Q&A DISCUSSION (16:15-16:25)

CLOSING REMARKS (16:25-16:30)

Victor Lutenco, Chief of Mission, International
Organization for Migration, Tajikistan

CONTACT PERSONS

Mohira Fayzulloeva, National Project Officer,
International Organization for Migration,
mfayzulloeva@iom.int



SIDE EVENT 17: Carbon Markets as a Tool for Monetizing Environmental Projects: Lessons for Central Asia

Date & Time: 29 May 2025, 15:30–17:00 | **Venue:** Russian-Tajik Slavic University

CO-ORGANIZERS

ECUMENE Global Forum

MODERATOR

Evgeny Khilinskiy, Vice President, Gazprombank (Joint-Stock Company)

PARTICIPANTS

Alexey Spirin, Climate Advisor, En+
Bakhytdjan Khabibulaev, Director of International Innovative Centre of The Aral Sea region under the Ministry of Ecology, Environmental Protection of the Republic of Uzbekistan

Aisulu Madibaeva, Deputy Director of the Climate Finance Center under the Cabinet of Ministers of the Kyrgyz Republic

Batur Mamedov, Head of the Secretariat of the Interstate Commission on Sustainable Development, International Fund for Saving the Aral Sea

Pirli Kepbanov, Director of the National Institute of Deserts, Flora, and Fauna, Ministry of Agriculture and Environmental Protection of Turkmenistan

Mir Movsum Dadashev, Director of the Azerbaijan Land Reclamation Scientific Research Institute;

Bunyod Kholmatov, Head of the research group 'Water, Food and Energy Nexus' of the International Institute of Water Resource Management

KEY DISCUSSION QUESTIONS

- How can ecosystem restoration and sustainable land use projects improve regional water balance?
- How can carbon markets finance nature-based projects? What barriers exist, and how can they be overcome?
- How can Russia's experience in climate projects and national carbon market development be adapted for Central Asia?
- How can Central Asian countries enhance collaboration to advance climate initiatives?

CONTACT PERSON

Valeria Danilenko, Deputy Managing Director, Bloomgroup, v.danilenko@bloomgroup.ru



SIDE EVENT 18: Climate Science and Research Inventory: A Foundation for Sustainable Solutions in Central Asia

Date & Time: 29 May 2025, 16:00–17:30 | **Venue:** Hyatt Regency Dushanbe, Brussels Room

CO-ORGANIZERS

Ministry of Ecology and Natural Resources of the Republic of Kazakhstan
Project Office for Central Asia on Climate Change and Green Energy
United Nations Educational, Scientific and Cultural Organization (UNESCO)

OPENING REMARKS (16:00-16:25)

H.E. Yerlan Nyssanbayev, Minister of Ecology and Natural Resources of the Republic of Kazakhstan
H.E. Meder Mashiev, Minister of Natural Resources, Ecology and Technical Supervision of the Kyrgyz Republic
H.E. Bakhodur Sheralizoda, Chairman of the Committee for Environmental Protection under the Government of the Republic of Tajikistan
H.E. Charygeldy Babaniyazov, Minister of Environmental Protection of Turkmenistan
H.E. Aziz Abdukhakimov, Minister of Ecology, Environmental Protection and Climate Change of the Republic of Uzbekistan
Arnold Kreilhuber, Regional Director and Representative of United Nations Environment Programme (UNEP) for Europe
Lidia Brito, Assistant Director-General for Natural Sciences, UNESCO

PRESENTATION (16:25-16:30)

Climate (and water) science and what this means for the region

Celeste Saulo, Secretary-General, World Meteorological Organization (WMO)

PANEL DISCUSSION (16:30-17:20)

Scientific Potential and Gaps in the Region: Inventory and Research Foundation for Regional Climate Summit-2026

Moderator: **Yerlik Karazhan**, CEO of the Project Office for Central Asia on Climate Change and Green Energy, Central Asia Climate Foundation

PANELISTS:

H.E. Yerlan Nyssanbayev, Minister of Ecology and Natural Resources of the Republic of Kazakhstan
H.E. Meder Mashiev, Minister of Natural Resources, Ecology and Technical Supervision of the Kyrgyz Republic
H.E. Bakhodur Sheralizoda, Chairman of the Committee for Environmental Protection under the Government of the Republic of Tajikistan
H.E. Charygeldy Babaniyazov, Minister of Environmental Protection of Turkmenistan
H.E. Aziz Abdukhakimov, Minister of Ecology, Environmental Protection and Climate Change of the Republic of Uzbekistan
Stefan Uhlenbrook, Director of Hydrology, Water and Cryosphere program, WMO
Bapon Fakhruddin, Water Sector Lead, Green Climate Fund (GCF)
Iulii Didovets, Project Lead, Potsdam Institute for Climate Impact Research (PIK)
Barbara Janusz-Pawletta, Head of the Regional Representative Office for Central Asia, IWMI.
Talaibek Makeev, Technical advisor of the GEF-UNDP-UNESCO Cryosphere project

CONCLUSION AND RECOMMENDATIONS (17:20-17:30)

Yerlik Karazhan, CEO of the Project Office for Central Asia on Climate Change and Green Energy, Central Asia Climate Foundation

CONTACT PERSON

Yerlik Karazhan, CEO of the Project Office for Central Asia on Climate Change and Green Energy, Central Asia Climate Foundation

GLACIERS FESTIVAL - An evening cultural experience

Date & Time: 29 May 2025, 19:00–21:30 | **Venue:** Navruzgoh Park

Conference participants are invited to immerse themselves in the rich cultural heritage of the Tajik people during the Glaciers Festival:

- | | |
|----------------|---|
| 19:00 to 20:00 | Explore exhibitions showcasing traditional Tajik crafts and artistry |
| 20:00 to 20:30 | Taste authentic Tajik cuisine, reflecting the country's rich culinary traditions |
| 20:30 to 21:30 | Enjoy a glacier- inspired concert programme featuring performances by leading Tajik artists |

Buses will transport participants from designated hotels (Hyatt Regency Dushanbe, Hilton Dushanbe Hotel, Rumi Hotel, Safo Hotel, Hotel Tajikistan, Kangurt Grand Hotel, Hotel Atlas, Bustonsaroi Hukumati, etc.) to the Glaciers Festival venue in Navruzgoh Park.

Buses will depart from designated hotels at 18h30. Buses will return participants to the designated hotels after the programme concludes.



FRIDAY, 30 MAY: CONFERENCE SESSIONS

OPENING SESSION

Date & Time: 30 May 2025, 09:00–10:30 | **Hall*:** Kokhi Somon, Large Plenary Hall, 4th Floor

OPENING STATEMENTS

H.E. Emomali Rahmon, President of the Republic of Tajikistan

H.E. Amina J. Mohammed, United Nations Deputy Secretary-General

H.E. Muhammad Shehbaz Sharif, Prime Minister of the Islamic Republic of Pakistan

H.E. Mohammad Reza Aref, First Vice President of the Islamic Republic of Iran

H.E. Dr. Constantino Guveya Dominic Nyikadzino Chiwenga, First Vice President of the Republic of Zimbabwe

H.E. Mohammed B. S. Jallow, Vice President of the Republic of The Gambia

H.E. Hussain Mohamed Latheef, Vice President of the Republic of Maldives

Celeste Saulo, Secretary-General of the World Meteorological Organization (WMO)

Lidia Brito, Assistant Director-General of Natural Sciences, United Nations Educational, Scientific and Cultural Organization (UNESCO)

Catherine Russell, Executive Director, United Nations Children's Fund (UNICEF)

Armida Salsiah Alisjahbana, Executive Secretary, United Nations Economic and Social Commission for Asia and the Pacific (ESCAP)

Yingming Yang, Vice-President of Asian Development Bank (ADB)

Ajay Bhushan, Vice President of Asian Infrastructure Investment Bank (AIIB)

MODERATOR

Pedro Vargas David, Chairman of the Board of Directors of Euronews

**The Opening Session will be live broadcast in the Amphitheater Hall on the first floor of Kokhi Somon.*



PLENARY SESSION I

Date & Time: 30 May 2025, 11:00–12:30 | **Hall*:** Kokhi Somon, Large Plenary Hall, 4th Floor

CO-CHAIRS OF PLENARY I

H.E. Mr. Qohir Rasulzoda,
Prime Minister of the Republic of Tajikistan and Chairman of the National Organizing Committee
Lidia Brito,
Assistant Director-General for Natural Sciences, UNESCO

STATEMENTS BY HEADS OF DELEGATION

The list of speakers will be distributed by the beginning of the session.

Time limit for statements: up to 3 minutes

**The Plenary Session will be live broadcast in the Amphitheater Hall on the first floor of Kokhi Somon*



THEMATIC SESSIONS 1-3: SOCIO-ECONOMIC IMPACTS OF GLACIER MELT

THEMATIC SESSION 1: Glaciers, Arctic and Antarctic Ice Sheets, the Threat of Sea level Rise and Strategies for Small Island Developing States**Date & Time:** 30 May 2025, 14:00–15:30 | **Hall:** Kokhi Somon, Amphitheater Hall, 1st Floor**CO-ORGANIZERS**

Russian Federation
United Nations Department of Economic and Social Affairs (UN DESA)

CO-CHAIRS

H.E. Alexander Kozlov, Minister of Natural Resources and Environment of the Russian Federation
Yosuke Tomizawa, Senior Programme Management Officer, Department of Economic and Social Affairs United Nations

MODERATOR

Abou Amani, Director, Secretary of the Intergovernmental Hydrological Programme, Division of Water Sciences, UNESCO

KEYNOTE SPEAKERS

Retno Marsudi, United Nations Secretary-General's Special Envoy on Water
Igor Shumakov, Head of the Russian Meteorological Agency (Roshydromet)

PANELISTS

Sergei Soldatenko, Climatologist, Head of Ocean-Atmosphere Interaction Department, Arctic and Antarctic Research Institute
Anna Kozachek, Climatologist, Researcher at the Climate Change and Environment Laboratory, Arctic and Antarctic Research Institute
Sergei Zhuravlev, Director of State Hydrological Institute
H.E. François Jackman, Ambassador, Permanent Representative of Barbados to the United Nations
Muhammad Hafeez Jeofry, Faculty of Science & Marine Environment, Universiti Malaysia Terengganu

MINUTE-TAKER

Imanuel, Second Secretary, Permanent Mission of the Republic of Indonesia to the United Nations

RAPPORTEUR

Raditya M. Kusumaningprang, Counsellor, Directorate for Development, Economic and Environment Affairs, Government of Indonesia

CONTACT PERSON

Yosuke Tomizawa, Senior Programme Management Officer, UN DESA, yosuke.tomizawa@un.org



THEMATIC SESSION 2: From Glaciers to Sea: Glaciers, Snowpack and Water Availability in a Changing Climate

Date & Time: 30 May 2025, 14:00–15:30 | **Hall:** Kokhi Somon, Press Conference Hall, 2nd Floor

CO-ORGANIZERS

Mountain Research Initiative (MRI)
Norwegian Water Resources and Energy Directorate,
Norway
National Graduate Institute for Policy Studies (GRIPS),
Japan
Deutsche Gesellschaft für Internationale
Zusammenarbeit (GIZ)
Ministry of Energy and Water Resources, Republic of
Tajikistan

CO-CHAIRS

H.E. Daler Shofakir Juma, Minister of Energy and
Water Resources, Republic of Tajikistan
Kenzo Hiroki, National Graduate Institute for Policy
Studies, Japan

OPENING REMARKS BY THE CO-CHAIRS

Moderator: **Chris Dickinson**, Senior Climate Change
Specialist, Asian Development Bank

KEYNOTE SPEAKER

John Pomeroy, Professor, University of
Saskatchewan, Canada and IYGP IAB Co-chair

PANELISTS

Miriam Jackson, Research Scientist, Norwegian
Water Resources and Energy Directorate
Maria Shahgedanova, Professor, University of
Reading UK and Mountain Research Initiative (MRI)
Wulf-Hendrik Goretzky, Project Director, GIZ
Sara Marjani Zade, Forestry Officer, Food and
Agricultural Organization (FAO) Regional Office for
Europe and Central Asia
Behruz Khasanov, Department of Electroenergy,
Ministry of Energy and Water Resources, Republic of
Tajikistan

RAPPORTEUR

Aishwarya Sanas, Early Career Researcher, India

CONTACT PERSON

Miriam Jackson, Research Scientist, Norwegian
Water Resources and Energy Directorate, mja@nve.no



THEMATIC SESSION 3: Glacial-related Hazards and Disaster Risk Reduction: Leveraging the “Early Warnings for All” Initiative

Date & Time: 30 May 2025, 14:00–15:30 | **Hall:** Kokhi Somon, Large Plenary Hall, 4th Floor

CO-ORGANIZERS

World Meteorological Organization (WMO)
United Nations Office of Disaster Risk Reduction (UNDRR)
Government of Switzerland

WELCOME MODERATOR

Natalia Patricia Alonso Cano, Chief Regional Office for Europe and Central Asia, UNDRR

OPENING REMARKS

H.E. Sulaimon Ziyozoda, Deputy Prime Minister of the Republic of Tajikistan, National DRR Platform Chairman, EW4All National Focal Point
Celeste Saulo, Secretary-General, WMO

KEYNOTE SPEAKER

Paola Moschella Miloslavich, Glacier Research Director at the National Institute for Research in Glaciers and Mountain Ecosystems of Peru

INTERACTIVE EXERCISE - MENTIMETER

Sulagna Mishra, Scientific Officer, WMO

PANELISTS

Yasmin Siddiqi, Director, Agriculture, Food, Nature, and Rural Development Sector of Central and West Asia, Asian Development Bank (ADB)

Sanjay Srivastava, Chief, Disaster Risk Reduction, United Nations Economic and Social Commission for Asia and the Pacific (ESCAP)

Ali Neumann, Head of the Expert Group “DRR, Environment and Climate”, Swiss Humanitarian Aid Unit, Swiss Agency for Development and Cooperation (SDC)

Diana Aripkhanova, Adaptation Fund Project Officer, Natural Science Unit, UNESCO Regional Office in Almaty

Deepak KC, Programme Analyst, Climate Change and Resilience, United Nations Development Programme (UNDP), Nepal

Olivia Becher, Analyst, Climate Strategy and Delivery, European Bank for Reconstruction and Development (EBRD)

Moderator: **Stefan Uhlenbrook**, Director, Hydrology Water and Cryosphere, WMO

RAPPORTEUR

Dilshod Kodirov, Project Coordinator, UNDRR

Nilay Dogulu, Consultant to IYGP Secretariat, WMO

CONTACT PERSON

Sulagna Mishra, WMO, smishra@wmo.int

Dilshod Kodirov, UNDRR, dilshod.kodirov@un.org



THEMATIC SESSIONS 4-6: CROSS-CUTTING ISSUES: BIODIVERSITY, CULTURAL AND NATURAL HERITAGE AND TRANSBOUNDARY COOPERATION

THEMATIC SESSION 4: Partnership for Climate Change, Glaciers and Transboundary Cooperation in Central and West Asia Region

Date & Time: 30 May 2025, 16:00–17:30 | **Hall:** Kokhi Somon, Amphitheater Hall, 1st Floor

CO-ORGANIZERS

Asian Development Bank (ADB) / Central Asia
Regional Economic Cooperation Program (CAREC)
Green Climate Fund (GCF)
Government of Tajikistan

CHAIR

Thomas Eriksson, Director, Department of Eastern Europe, Central Asia and Middle East Region, GCF

OPENING REMARKS BY THE CHAIR

Moderator: **Yasmin Siddiqi**, Director, Agriculture, Food, Nature, and Rural Development Sector of Central and West Asia, ADB

TECHNICAL PRESENTATIONS

Stefan Harrison, Pegasys Ltd.
Lukas Arenson, BGC Engineering

MINISTERIAL PANEL DISCUSSION

H.E. Yerlan Nyssanbayev, Minister of Ecology and Natural Resources, Kazakhstan
H.E. Meder Mashiev, Minister of Natural Resources, Ecology and Technical Supervision, Kyrgyz Republic
H.E. Bahodur Sheralizoda, Chairman, Committee for Environmental Protection, Tajikistan
H.E. Charygeldi Babanyyazov, Minister of Environmental Protection, Turkmenistan
H.E. Aziz Abdukhakimov, Minister of Ecology, Environmental Protection and Climate Change, Uzbekistan
H.E. Ara Mkrtchyan, Deputy Minister, Ministry of Environment, Armenia
H.E. Umayra Taghiyeva, Deputy Minister of Ecology and Natural Resources, Azerbaijan
H.E. Solomon Pavliashvili, Deputy Minister of Environmental Protection and Agriculture, Georgia
Zulfiqar Younas, Additional Secretary I, Ministry of Climate Change and Environmental Consideration, Pakistan

SUMMARY OF THE SESSION BY THE RAPPOREUR

CLOSING REMARKS BY THE CHAIR

RAPPOREUR

Warren Evans, Former Climate Envoy, ADB

CONTACT PERSONS

Chris Dickinson, Senior Climate Change Specialist, ADB-G2F Project Team
Kat Coballes, Climate Change Specialist, ADB-G2F Project Team
Annrou Ramos, Climate Change Officer, ADB-G2F Project Team
Kristian Rosbach, Senior Economist- Regional Cooperation, CAREC
Kazuhiro Yoshida, Senior Water Resources Specialist, Water Pillar, CAREC
Ganjina I. Fazilova, Project Officer, Water Pillar, CAREC



THEMATIC SESSION 5: Glacier Futures: Linking Knowledge, Communities and Policy for Climate Resilience

Date & Time: 30 May 2025, 16:00–17:30 | **Hall:** Kokhi Somon, Large Plenary, 4th Floor

CO-ORGANIZERS

International Union for Conservation of Nature (IUCN)
United Nations Environment Programme (UNEP)

OPENING REMARKS

Arnold Kreilhuber, Regional Director, UNEP

INTERACTIVE ICEBREAKER

Ansgar Fellendorf, Climate Change and Mountains Specialist, UNEP

BLOCK 1 – ACTION & STORYTELLING

Jean-Baptiste Bosson, Director of Marge Sauvage and coordinator of Ice & Life project
Marcela Fernández, Colombian activist, Journey of Cumbres Blancas and Glacier Nation

BLOCK 2 – POLICY & PARTNERSHIPS

Nozanin Rasulova, Head of Department of Cooperation, Committee for Environmental Protection, Tajikistan
Bolot Moldobekov, Director, Central Asian Institute for Applied Geosciences

BLOCK 3 – SCIENCE & ECOSYSTEM TOOLS

David Keith, Lead, IUCN Red List of Ecosystems
Jose Rafael Ferrer, Researcher, UNSW Sydney

INTERACTIVE PANEL - WHAT NEXT FOR GLACIER ECOSYSTEMS?

Angela Andrade, Chair of IUCN Commission on Ecosystem Management
Henk Ovink, Executive Director Global Commission on the Economics of Water
James Dalton, Global Water and Wetlands Team Lead, IUCN
Musonda Mumba, Secretary General, Ramsar Convention

Moderator: **Ansgar Fellendorf**, UNEP

CLOSING REMARKS

James Dalton, Global Water and Wetlands Team Lead, IUCN

RAPPORTEUR

Oliver Avramoski, Regional Director at IUCN
Liubov Timofeeva, Project Officer at IUCN

CONTACT PERSONS

Oliver Avramoski, IUCN, oliver.avramoski@iucn.org
Ala Al Dwairi, IUCN, ala.al-dwairi@iucn.org
Ansgar Fellendorf, UNEP, ansgar.fellendorf@un.org
Maarten Hofman, UNEP, maarten.hofman@un.org



THEMATIC SESSION 6: Bridging Indigenous Knowledge, Heritage and Community Action for Glacier Preservation

Date & Time: 30 May 2025, 16:00–17:30 | **Hall:** Kokhi Somon, Press Conference, 2nd Floor

CO-ORGANIZERS

United Nations Educational, Scientific and Cultural Organization (UNESCO)
International Centre for Integrated Mountain Development (ICIMOD)

CO-CHAIRS

Lidia Brito, Assistant Director-General for Natural Sciences, UNESCO
Izabella Koziell, Deputy Director General, ICIMOD

MODERATOR

Abou Amani, Director, Water Sciences Division and Secretary of the Intergovernmental Hydrological Programme (IHP), UNESCO

HIGH-LEVEL OPENING STATEMENTS

Lidia Brito, Assistant Director-General for Natural Sciences, UNESCO
Izabella Koziell, Deputy Director General, ICIMOD

VIDEO

Research initiative for the UNESCO publication on Indigenous Peoples Knowledge of the Environment

KEYNOTE SPEAKERS

Musonda Mumba, Secretary General of the Convention on Wetlands, RAMSAR
Tales Carvalho Resende, Associate Programme Specialist, UNESCO (pre-recorded)

PANEL DISCUSSION

Qianggong Zhang, Strategic Group Head, ICIMOD
Gulomzhon Umirzakov, Deputy Director, NIGMI, Uzbekistan
Sulagna Mishra, Scientific Officer in the Hydrology, Water and Cryosphere, WMO
Shiraz Ali Shah, Team Leader on Resilience, Environment & Climate Change Unit, UNDP Pakistan
Yuri Skochilov, Director, Youth Ecological Centre, Tajikistan
Christine Bichsel, Professor, Department of Geosciences, University of Fribourg, Switzerland

PANEL MODERATOR

Ruth Nguma, Associate Programme Specialist, UNESCO

INTERACTIVE Q&A SESSION

CLOSING REMARKS

Abou Amani, Director, UNESCO-IHP

RAPPORTEUR

Diana Aripkhanova, Adaptation Fund Project Officer, Natural Science Unit, UNESCO Regional Office in Almaty

CONTACT PERSONS

Elena Osipova, UNESCO. e.osipova@unesco.org
Ruth Nguma, UNESCO, rk.nguma@unesco.org



LEADERS' ROUND TABLE: SESSION I

Financing for Glacier-Related Adaptation, Mitigation and Loss and Damage

Time: 30 May 2025, 14:00–15:30 | **Hall:** Kokhi Somon, Building 8

By ticketed admission only

LEADERS' ROUND TABLE: SESSION II

Making 2025 the 'Tipping Point to Preserve Glaciers' with 1.5°C- Consistent NDCs at COP30

Time: 30 May 2025, 16:00–17:00 | **Hall:** Kokhi Somon, Building 8

By ticketed admission only



DETAILED PROGRAMME – DAY 2, SATURDAY, 31 MAY: CONFERENCE SESSIONS

PLENARY SESSION II

Date & Time: 31 May 2025, 09:00–10:30 | **Hall*:** Kokhi Somon, Large Plenary Hall, 4th Floor

CO-CHAIRS OF PLENARY II

H.E. Mr. Qohir Rasulzoda,
Prime Minister of the Republic of Tajikistan and Chairman of the National Organizing Committee

Celeste Saulo,
Secretary-General of World Meteorological Organization (WMO)

STATEMENTS BY HEADS OF DELEGATION

The list of speakers will be distributed by the beginning of the session.

Time limit for statements: up to 3 minutes

**The Plenary Session will be live broadcast in the Amphitheater Hall on the first floor of Kokhi Somon.*



THEMATIC SESSIONS 7-9: GLACIER SCIENCE, RESEARCH AND MONITORING

THEMATIC SESSION 7: Glacier Monitoring Needs Worldwide

Date & Time: 31 May 2025, 11:00–12:30 | **Hall:** Kokhi Somon, Amphitheater Hall, 1st Floor

CO-ORGANIZERS

World Meteorological Organization (WMO)
Government of Tajikistan, Agency for
Hydrometeorology
International Atomic Energy Agency (IAEA)
Mountain Research Initiative (MRI)
Government of Finland, Finnish Meteorological
Institute

OPENING REMARKS

Stefan Uhlenbrook, Director Hydrology, Water and
Cryosphere, WMO
Abdullo Habibullo Kurbonzoda, Director of the
Agency for Hydrometeorology, Tajikistan

MODERATOR

Evan Miles, Glaciology and Geomorphodynamics
Group, University of Zurich, WMO – Global
Cryosphere Watch

KEYNOTE SPEAKERS

Martina Barandun, Senior Researcher, Department
of Geosciences, University of Fribourg, Switzerland
and WMO – Global Cryosphere Watch
Petteri Taalas, Director General, Finnish
Meteorological Institute, Permanent Representative
of Finland with WMO

PANELISTS

Kamoliddin Nazirzoda, Deputy Head of the Centre
of Glaciology of the Agency for Hydrometeorology,
Agency for Hydrometeorology Tajikistan
Maria Shahgedanova, Professor, Mountain Research
Initiative, School of Archaeology, Geography and
Environmental Science, The University of Reading,
United Kingdom
Wolfgang Schöner, Director, Austrian Polar Research
Institute, University of Graz, Austria
Koji Fujita, Professor, Graduate School of
Environmental Studies, Nagoya University, Nagoya,
Japan

RAPPORTEUR

Yuliya Vystavna, Senior Water Programme Officer,
Isotope Hydrology Section, Department of Nuclear
Sciences and Applications, International Atomic
Energy Agency

CLOSING REMARKS

Lidia Brito, Assistant Director-General for Natural
Sciences, UNESCO

CONTACT PERSON

Rodica Nitu, Chief, Cryosphere and Polar
Infrastructure, WMO, rnitu@wmo.int



THEMATIC SESSION 8: Glacier Projections and Emissions: How much can 1.5°C Emissions Pathways Save?

Date & Time: 31 May 2025, 11:00–12:30 | **Hall:** Kokhi Somon, Large Plenary Hall, 4th Floor

CO-ORGANIZERS

Glacier Model Intercomparison Project (GlacierMIP)
International Centre for Integrated Mountain
Development (ICIMOD)
International Cryosphere Climate Initiative (ICCI)

CO-CHAIRS

H.E. Rupa Bishwakarma, Minister of State for Forests
and Environment, Nepal
Paola Moschella, Deputy Director, National Institute
for Glaciers and Mountain Ecosystems, Peru

MODERATOR

Pam Pearson, Executive Director, International
Cryosphere Climate Initiative

KEYNOTE SPEAKER

H.E. Mukhtar Babayev, COP29 President, Azerbaijan

PANELISTS

Harry Zekollari, Vrije Universiteit Brussel, Belgium,
GlacierMIP
Qianggong Zhang, Head of Climate and
Environmental Risks, ICIMOD
Heidi Sevestre, Arctic Monitoring and Assessment
Programme (AMAP), Arctic Council
Ramazon Rakhmonov, Head, Glaciology Center of
the Agency for Hydrometeorology of Tajikistan

RAPPORTEUR

James Kirkham, British Antarctic Survey and Chief
Scientist, Ambition on Melting Ice (AMI) High-
level Group on Sea-level Rise and Mountain Water
Resources

CONTACT PERSON

James Kirkham, james@iccinet.org



THEMATIC SESSION 9: Latest Glacier and Cryosphere Science**Date & Time:** 31 May 2025, 11:00–12:30 | **Hall:** Kokhi Somon, Press Conference, 2nd Floor**CO-ORGANIZERS**

World Meteorological Organization (WMO)
 United Nations Educational, Scientific and Cultural
 Organization (UNESCO)
 Intergovernmental Panel on Climate Change (IPCC)
 Government of Tajikistan
 University of Fribourg, Switzerland
 International Cryosphere Climate Initiative (ICCI)

CO-CHAIRS

Martin Hoelzle, Professor, University of Fribourg,
 Switzerland and GlacierMIP
John Pomeroy, Professor, University of
 Saskatchewan, Canada and Co-Chair IYGP
 International Advisory Board

MODERATOR

Miriam Jackson, Lead Author, High Mountains
 Areas chapter, IPCC Special Report on Oceans and
 Cryosphere (SROCC)

KEYNOTE SPEAKER

Celeste Saulo, Secretary-General, WMO

SENIOR SCIENCE PANEL

**Glacier Mass Balance Intercomparison Exercise
 (GLaMBIE): Latest Data on Glacier Loss Worldwide**

Martin Hoelzle, Professor, University of Fribourg,
 Switzerland and GlacierMIP

**Overshoot and Latest GlacierMIP Projections for
 IPCC AR7**

Dhiraj Pradhananga, Professor, Tribuvhan University,
 Nepal

New Methods for Mapping Mountain Permafrost

Lukas Arenson, BGC Engineering and Adjunct
 Professor, University of Manitoba, Canada

EARLY CAREER PANEL: LIGHTNING TALKS

Aftab Nazeer, Bahauddin Zakariya University,
 Pakistan

Christina Draeger, University of British Columbia,
 Canada

Pawan Singh, Indian Institute of Technology Roorkee,
 India

Muhammad Yasir, Pakistan Meteorological
 Department, Pakistan

Aishwarya Sanas, Shiv Nadar Institution of
 Eminence, India

Josep Bonsoms, University of Barcelona, Spain

RAPPORTEUR

Susana Hancock, Global Mountains Director, ICCI

CONTACT PERSON

Susana Hancock, ICCI, susana@iccinet.org



THEMATIC SESSIONS 10-12:
SOLUTIONS: ACHIEVING RESILIENCE THROUGH ADAPTATION AND MITIGATION

THEMATIC SESSION 10: Pact for the Future: How the Pact Can Inform Glacier Preservation

Date & Time: 31 May 2025, 14:00–15:30 | **Hall:** Kokhi Somon, Amphitheater Hall, 1st Floor

CO-ORGANIZERS

Government of Tajikistan
United Nations Resident Coordinator's Office in
Tajikistan (UNRCO)

CO-CHAIRS

H.E. Sirodjiddin Muhridin, Minister of Foreign
Affairs of the Republic of Tajikistan
Armida Salsiah Alisjahbana, Executive Secretary,
United Nations Economic and Social Commission for
Asia and the Pacific (ESCAP)

MODERATOR

Parvathy Ramaswami, United Nations Resident
Coordinator, Tajikistan

KEYNOTE

Retno Marsudi, United Nations Secretary-General's
Special Envoy on Water

PANELISTS

H.E. François Jackman, Ambassador, Permanent
Representative of Barbados to the United Nations
H.E. Meder Mashiev, Minister of Natural Resources,
Environment and Technical Supervision, the Kyrgyz
Republic
Cornelia Meyer, Chairman & CEO of the MRL
Corporation
H.E. Katherine Smitton, Ambassador of the United
Kingdom to the Republic of Tajikistan
Cheng Li, Technical Officer, UN-Water
Fariza Jobirova, youth activist

RAPPORTEUR

Austin Blanton, Yale University Scholar, United
Nations Resident Coordinators Office, Tajikistan

CONTACT PERSON

Kristine Tovmasyan, Head, UN Resident
Coordinators Office, kristine.tovmasjana@un.org



THEMATIC SESSION 11: Climate Finance and Investment for Glacier Preservation and Adaptation

Date & Time: 31 May 2025, 14:00–15:30 | **Hall:** Kokhi Somon, Large Plenary Hall, 4th Floor

CO-ORGANIZERS

Asian Development Bank (ADB)
Green Climate Fund (GCF)

CO-CHAIRS

H.E. Rupa Bishwakarma, Minister of State for Forests and Environment, Nepal
Yusuf Majidi, First Deputy Minister of Finance, Republic of Tajikistan

MODERATOR

Peter Frankopan, Professor of Global History, Oxford University

KEYNOTE SPEAKER

Yasmin Sidiqqi, Director, Agriculture, Food, Nature, and Rural Development, ADB

PRESENTER

Abdurakhmonzoda Nigina Shukhrat, Director of the Agency for Securities and Special Registration, Ministry of Finance, Republic of Tajikistan

PANELISTS

Langa Dorji, Deputy Chief Environment Officer, Bhutan
Thomas Eriksson, Regional Director of Eastern Europe, Central Asia and Middle East, GCF
Bradley Todd Hiller, Lead Climate Change Specialist, Islamic Development Bank
Pam Pearson, Director, International Cryosphere Climate Initiative (ICCI)

Q&A DISCUSSION

RAPPORTEUR

Warren Evans, Former Climate Envoy, Asian Development Bank

CONTACT PERSONS

Ganjina Fazilova, ADB, gfazilova@adb.org
Declan Magee, ADB, dmagee@adb.org
Jorge Molinero Brizuela, ADB, jmolinerobrizuela.consultant@adb.org



THEMATIC SESSION 12: Zero-Carbon Development: A Path Forward for Glacier Nations

Date & Time: 31 May 2025, 14:00–15:30 | **Hall:** Kokhi Somon, Press Conference, 2nd Floor

CO-ORGANIZERS

Royal Government of Bhutan and G-Zero Coalition
Ambition on Melting Ice (AMI) High-level Group
Asian Development Bank (ADB)

CHAIR

Dasho Karma Tshering, Honorable Secretary of the Ministry of Energy and Natural Resources, Royal Government of Bhutan and G-Zero Coalition

MODERATOR

Timothy Wilson, Head of United Nations Resident Coordinator's Office, Bhutan

KEYNOTE SPEAKER

H.E. Mukhtar Babayev, COP29 President, Azerbaijan

PANELISTS

H.E. Rupa Bishwakarma, State Minister of Forests and Environment, Nepal

Petteri Talaas, Director General, Finnish Meteorological Institute

Zhimin Wu, Director of the Forestry Division, FAO

Yasmin Sidiqqi, Director, Agriculture, Food, Nature, and Rural Development, ADB

James Kirkham, Chief Scientist, Ambition on Melting Ice (AMI) High-level Group

Tashi Lhazom, Youth Delegate, Nepal

RAPPORTEUR

Helen Landsdowne, Professor, Jigme Singye Wangchuck School of Law, G-Zero Secretariat, Bhutan

CONTACT PERSON

Helen Landsdowne, helen.lansdowne@jswlaw.bt



CLOSING SESSION

Date & Time: 31 May 2025, 14:00–15:30 | **Hall*:** Kokhi Somon, Large Plenary Hall, 4th Floor

**The Closing Session will be live broadcast in the Amphitheater Hall on the first floor of Kokhi Somon.*

CO-CHAIRS

H.E. Mr. Qohir Rasulzoda

Prime Minister of the Republic of Tajikistan and Chairman of the National Organizing Committee

Celeste Saulo

Secretary-General of World Meteorological Organization (WMO)

REPORTS FROM THE THEMATIC SESSIONS:

- TS 1: Glaciers, Arctic and Antarctic ice sheets, the Threat of Sea level Rise and Strategies for Small Island Developing States, delivered by **Raditya M. Kusumaningprang**, Counsellor, Directorate for Development, Economic and Environment Affairs, Government of Indonesia
- TS 2: From Glaciers to Sea: Glaciers, Snowpack and Water Availability in a Changing Climate, delivered by **Aishwarya Sanas**, Early Career Researcher, India
- TS 3: Glacial-related Hazards and Disaster Risk Reduction: Leveraging the "Early Warnings for All" Initiative, delivered by **Nilay Dogulu**, Consultant to IYGP Secretariat, World Meteorological Organization
- TS 4: Partnership for Climate Change, Glaciers and Transboundary Cooperation in Central and West Asia Region, delivered by **Warren Evans**, Former Climate Envoy, Asian Development Bank
- TS 5: Glacier Futures: Linking Knowledge, Communities and Policy for Climate Resilience, delivered by **Oliver Avramoski**, Regional Director, International Union of Concerned Scientists
- TS 6: Report on Bridging Indigenous Knowledge, Heritage and Community Action for Glacier Preservation delivered by **Diana Aripkhanova**, Adaptation Fund Project Officer, UNESCO Regional Office in Almaty
- TS 7: Glacier Monitoring Needs Worldwide, delivered by **Yuliya Vystavna**, Senior Water Programme Officer, International Atomic Energy Agency
- TS 8: Glacier Projections and Emissions: How much can 1.5°C Emissions Pathways Save? delivered by **James Kirkham**, Chief Scientist, Ambition on Melting Ice
- TS 9: Latest Glacier and Cryosphere Science delivered by **Susana Hancock**, International Cryosphere Climate Initiative
- TS 10: Pact for the Future: How the Pact Can Inform Glacier Preservation delivered by **Austin Blanton**, Yale University Scholar, United Nations Resident Coordinator's Office, Tajikistan
- TS 11: Climate Finance and Investment for Glacier Preservation and Adaptation delivered by **Warren Evans**, Former Climate Envoy, Asian Development Bank
- TS 12: Zero-Carbon Development: A Path Forward for Glacier Nations delivered by **Helen Landsdowne**, Jigme Singye Wangchuck School of Law, Bhutan

REPORTS FROM THE PRE-CONFERENCE FORUMS

- Forum 1: Agriculture in a Time of Glacier Loss: Addressing droughts, flooding with carbon sequestration and resilience in glacier-dependent regions Forum, delivered by **Zhimin Wu**, Director, Forestry Division, Food and Agricultural Organization
- Forum 2: Children and Youth Glacier Preservation Forum, delivered by **Komronbek Avezov**, Representative of the Youth for Water and Climate Network
- Forum 3: Regional Forum on Glacier Monitoring and the Cryosphere in Central Asia, delivered by **Caroline Milow**, GLZ Project Manager - Green Central Asia II, Climate sensitive water resources management in Central Asia
- Forum 4: From IYGP to Decade of Action for Cryospheric Sciences, 2025-2034, delivered by **Ruth Katui Nguma**, Associate Programme Specialist, UNESCO
- Forum 5: Ministerial Dialogue on Climate Resilience, Glacier Preservation, and Water Cooperation Forum, delivered by **Nilay Dogulu**, Consultant, Hydrology, Water Resources and Cryosphere Division, World Meteorological Organization
- Forum 6: Enhancing Transboundary Cooperation for Water Sustainability and Climate Resilience in Glacier Dependent Basins of Central Asia Forum, delivered by **Dinara Ziganshina**, Scientific Information Centre of the Interstate Commission for Water Coordination of Central Asia
- Forum 7: Towards Sustainable Water Management in Central Asia: The Role of Cryosphere Monitoring in Water Allocation Decision-Making Forum, delivered by **Esteban Boj Garcia**, Project Manager, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)
- Forum 8: Women Forum on Glaciers Preservation Forum, delivered by **Javohir Akobirova**, Head of Department of Gender Development and International Relations, Committee on Women and Family Affairs under the Government of the Republic of Tajikistan

PRESENTATION OF THE OUTCOME DOCUMENTS

Closing remarks by the Co-Chairs



DETAILED PROGRAMME- TOURS

Date and Time: Sunday, 1 June 2025, 09:00 until afternoon/ evening

Meeting place for all Tours: square near the Opera and Ballet Theater of Dushanbe by 9:00 a.m.

Register on-line to participate in a Tour: <https://dushanbeicgp2025.com/tours/>

HISSAR FORTRESS

Tour description: Hissar fortress is the summer residence of Bukhara emirs, erected in XVII and completed in XIX centuries. During the civil war of 1918-1933 the fortress was almost completely destroyed. It was partially rebuilt in 1982 and restored in 2002.

Hissar fortress has 3000 years of history and is included in the UNESCO World Heritage List. The fortress is located 20 kilometers from Dushanbe.

The fortress with walls 1 meter thick, with loopholes for rifles and cannons, stood on the slope of a high hill and was guarded by guards. Inside there was a swimming pool and a garden. Opposite the fortress was a bustling market square with a caravanserai and many shops. Large staircases and terraces covered with bricks led to the main entrance. Unfortunately, they have not survived to our days, as well as the whole building of the palace. The only thing left from the fortress is a monumental gate made of burnt brick with two cylindrical towers, between which there is a lancet arch, as most of the gates of Bukhara of XVIII-XIX centuries were built. Nevertheless, even this fragment today looks very majestic and impressive.

At the end of the eighties of the XX century a unique historical and cultural reserve was created in Hissar, including Hissar fortress with an arch (2500 years old), Registan (square in front of the fortress), Old Madrasah (XVI century), New Madrasah, Caravanserai (hotel), Mosque "Chashmai Mohiyon" (VIII century), Mosque "Sangin", Mausoleum "Makhdumi A'zam" (XVI century), Historical Museum, located in the building of the Old Madrasah. Unique monuments and exhibits (more than 3200) found during excavations on the territory of Hissar city and beyond.

Tour duration: 6 hours

Meals: Lunch

Clothes: casual

Number of participants: from 10 people.

Group meeting place: square near the Opera and Ballet Theater in Dushanbe at 09:00.



DUSHANBE CITY: SIGHTSEEING TOUR

Tour description: Modern Dushanbe is a city with the breath of the fabulous East and the cultural, economic and political center of the country. Located in the center of the Hissar Valley at an altitude of over 930 meters above sea level, the city is surrounded by the foothills of the Hissar Range to the north and east and bordered by the Kafirnigan River to the south.

Dushanbe was named Stalinabad from 1929 to 1961. Its first mention dates back to the end of 1676. The city is located in the largest agricultural oasis of the republic and occupies the territory on both banks of the Varzob River (called Dushanbinka within the city), which is fed by the waters of snowfields and glaciers of the Hissar Range - part of the giant mountain system of Pamir-Alai. In the upper part of the Varzob River there are up to 120 glaciers that create a favorable microclimate.

Thanks to this, citizens can enjoy a milder climate than in other regions, and the Varzob River provides drinking water and irrigates gardens and fields. Dushanbe, founded on the site of a village a hundred years ago, today fully meets the requirements of modern urbanized life.

One of the main arteries of the city is Rudaki Avenue, named in honor of the classic of Tajik literature. From south to north reaching 12 kilometers, this avenue allows residents and guests of the city to get acquainted with many sights, architectural ensembles, administrative and cultural institutions, educational institutions, theaters, hotels and restaurants. The central square of the city is decorated with the Memorial Complex dedicated to the 1100th anniversary of the Samanid State with the image of Ismoil Somoni, the founder of the first state of Tajiks in the IX-X centuries.

Tour duration: 8 hours

Meals: lunch

Clothing: casual

Number of participants: from 10 people.

Group gathering place: square near the Opera and Ballet Theater of Dushanbe at 09:00.



SAFED-DARA: SKI RESORT

Tour description: Safed-Dara, with its lofty mountain peaks and fresh air, is a true gem of Tajikistan. It is a place where pure snow and breathtaking scenery merge into one.

The Safed-Dara ski resort began its history in 1976 providing sports, tourism and ski services. The resort is located 50 kilometers from Dushanbe. The name "Safed-Dara" translated from Tajik means "White Gorge", symbolizing its beauty and purity.

The resort is located on a hilly plateau, rising at an altitude of 2200 meters above sea level. Thanks to clear sunny weather and fresh mountain breezes, this place is ideal for active holidays at any time of the year. The mesmerizing mountain scenery and deep blue sky leave a lasting impression on everyone who has ever visited Safed Dara.

Since 2016, the resort started its work in a new format, offering a variety of services on an area of 60 hectares, capable of accommodating up to 1000 visitors at a time. Here you will find everything you need for a comfortable vacation: a high-level hotel, elevators, ski and snowmobile tracks, cafes and much more.

Safed Dara is famous for its winter activities, offering guests a wide range of activities, from alpine skiing and snowboarding to ice-skating and snowmobiling. Additional activities such as zip lining, paintball and spa make the stay even more exciting. Regardless of the season, Safed Dara can offer an unforgettable vacation in an enchanting environment of nature and comfort.

Tour duration: 6-7 hours

Meals: Lunch

Clothing: Sturdy shoes with sturdy soles, sunscreen.

Number of participants: from 10 people.

Group gathering place: at 9:00 at the square near the Opera and Ballet Theater in Dushanbe.



SIYOMA RIVER: HIKING ALONG THE UPPER REACHES OF VARZOB GORGE

Tour description: Siyoma Gorge, located in the picturesque Varzob Valley of the Fan Mountains of Tajikistan, is a real paradise for nature lovers. The Siyoma River, churning among rocky peaks, creates a stunning contrast with the lush meadows that line its banks.

Visitors can choose their route from a variety of trails that wind along the river or lead into the mountains. For those looking for adventure, multi-day hikes are available with overnight stays under the stars and breathtaking panoramic views.

Siyoma Gorge also attracts rock climbers, offering many routes of varying difficulty on granite rocks. The richness of the flora of the gorge is amazing: deciduous trees coexist with wildflowers that bloom in the warm season, and at altitude they are replaced by coniferous forests.

Siyoma Gorge is a real paradise for ornithologists: here you can meet eagles, falcons and other birds of prey. In the more remote corners of the gorge, wildlife lovers will find mountain goats, marmots, wolves, and, if you're lucky, even the elusive snow leopard.

The Siyoma gorge is located 54 kilometers along the Varzob highway. The river begins at an altitude of 1782 meters above sea level (from the confluence with the Varzob River) and rises to 3000 to 3200 meters in the upper reaches.

Local residents value Siyoma Gorge as a place to relax from the bustle of the city, where they can find peace in the embrace of nature.

Whether you prefer a short hike or a multi-day journey, a challenging climb or just a walk through the forest, the Siyoma Gorge will give you an unforgettable experience of the natural beauty of Tajikistan and allow you to immerse yourself in its fascinating world of wildlife.

Tour duration: 7-8 hours

Meal: lunch

Clothing: Bring a light jacket or raincoat in case of sudden precipitation. Sturdy shoes, especially in the rain are necessary.

Number of participants: from 10 people.

Group gathering place: square near the Opera and Ballet Theater of Dushanbe at 09:00.



ROGUN

Tour Description: Rogun is a city located in the valley of the Vakhsh River. Its total area is 661 km², bordering Faizabad district, Vahdat city, Nurabad and Baljuvan districts. The distance from the city center to Dushanbe is 110 km. Rogun occupies 0.5 per cent of the total territory of the republic and includes three jamoats: Obigarm settlement, Kadiob village and Sicharog village. The city has rich resources and developed infrastructure. Among the key objects of the tourist industry are the sanatorium "Obi Garm", the Central Museum of Rogun and the healing spring Mulloshaykh. Geographically, the city has 41 beautiful mountain peaks, 150 natural springs, 11 clean rivers and 4 freshwater lakes. There are more than 30 attractive tourist sites on its territory, including the Rogun hydroelectric power station reservoir.

Rogun HPP is a hydropower plant (HPP) under construction on the Vakhsh River, which is part of the Vakhsh Cascade and is its upper stage. Upon completion of the project, the 335-meter-high dam of the Rogun HPP will be the highest in the world, and the plant will reach a capacity of 3,600 MW (compared to 2,700 MW at the Nurek HPP), becoming the largest hydroelectric power plant in Central Asia.

Tour duration: 8 hours

Meals: lunch

Clothing: casual

Number of participants: from 10 people.

Group gathering place: square near the Opera and Ballet Theater of Dushanbe at 09:00.



RAMMIT GORGE

Tour description: Rammit Gorge, which has numerous recreation areas, hot springs, protected forests and picturesque mountain rivers, starts 45 km northeast of Dushanbe. Traveling from Dushanbe to the gorge towards the Vahdat city and passing 37 km from the capital, we turn left at the fork and continue driving along the right bank of the Kafirnigan River, which is 387 km long. Its left source, the Sorbo River, originates in the glaciers and snowfields of the Karategin Range, and its right source, the Sardai-Miyona River, comes from the Hissar Range. South of the village of Shaartuz, in Tajikistan, the Kafirnigan River flows into the Amudarya River.

Many plants and animals of the Rammit Gorge depend on these waterways. At the confluence of the rivers Sardai-Miyona and Sorbo, at an altitude of 1200 meters above sea level, the Romit village is located, and opposite to it, on the other side of the river, begins the territory of the Romit Reserve, founded in 1959 on an area of more than 16 thousand hectares to protect the natural complexes of the middle and high mountains of the Gissar Range. The reserve is famous for its forests: mountain slopes are covered with birch, poplar, willow, maple, mulberry, as well as wild apple, pear, cherry, walnut, buckthorn, barberry, hawthorn, quince, pistachio, almond, rosehip, juniper and even some trees of eastern biota, such as thuja.

The rivers and numerous streams are home to the "king fish" - trout, as well as marinka and Turkestan catfish. The locals call trout "gulmokhi", which translates to "flower fish". Sometimes it is possible to observe how trout literally soar above the water surface, overcoming waterfalls, or, like snakes, jump on a rock, barely covered by a thin film of flowing water, and glide upwards. This spectacle leaves unforgettable impressions!

Tour duration: 6-7 hours.

Meals: lunch

Clothes: casual

Number of participants: from 10 people.

Group meeting place: square near the Opera and Ballet Theater in Dushanbe at 09:00.



NUREK

Tour description: Nurek is a city located 70 km southeast of Dushanbe with a population of about 29 thousand people. It was founded in 1960 on the site of Nurek village at the same time with the construction of the Nurek dam.

Surrounded on all sides by mountains, this small town of power engineers strikes with its beauty, especially when in the evening numerous lights from the windows of houses in a flash illuminate the gorge between the mountains. The main attraction of Nurek is the Nurek Hydroelectric Power Plant, with the world's highest dam and among the 30 most powerful hydroelectric power plants on the planet.

The reservoir formed by the dam is a delight for visitors. Boating on the Nurek reservoir, you will admire the indescribable beauty of the mountainous landscape, in the middle of which a magnificent miracle has been created - a giant reservoir with an area of 98 square kilometers and a length of more than 70 kilometers.

Nature and man create real masterpieces that one wants to return to again and again. The Nurek hydroelectric power station - the most powerful hydroelectric power station in Central Asia, whose record height rises 304 meters above sea level, putting the dam in the Guinness Book of Records.

The lake formed behind the dam has become popular among the tourists due to the opportunity to take boat trips and enjoy beautiful views of the gorge surrounded by snow-capped peaks. Although there are no sandy beaches, floating cabins can be found along the shores of the reservoir, offering the convenience of swimming.

Tour duration: 8 hours.

Meals: lunch

Clothing: casual

Number of participants: from 10 people.

Group gathering place: square near the Opera and Ballet Theater of Dushanbe at 09:00.



ECO-RUN FOR GLACIERS at Safed-Dara

Tour description: On June 1, join us for the Eco-Run for Glaciers – an inspiring run at the stunning Safed-Dara Ski Resort, where high mountain air, breathtaking views, and climate action meet. Featuring special guest Caroline Gleich, world-renowned climate activist and ski mountaineer, this high-altitude event aims to raise awareness about glacier loss and environmental protection in Tajikistan. With distances for all levels and a strong message behind every step, the event will end with an award ceremony and lunch in the fresh mountain air.

Important: All participants must be in good physical condition and sign a personal liability waiver before the run.

Safed-Dara, located 50 km from Dushanbe at an altitude of 1,600 meters above sea level, offers participants clean mountain air, clear sunny skies, and stunning landscapes. The race routes follow a scenic plateau and mountain trail, featuring an elevation gain up to 2,900 meters, making the run not only beautiful but also a true athletic challenge.

Duration: 7-8 hours including race, ceremony, and lunch

Group gathering place: at 7:00 at the square near the Opera and Ballet Theater in Dushanbe.

Race Categories:

- 5 km Mountain Challenge: Start at 2200 m, climb to 2900 m
- Ekiden Relay: 4-person teams, 1250 m each
- Ice Mile (1600 m): Flat scenic route at 2200 m on the plateau



IV. PRACTICAL INFORMATION

WEBSITE AND SOCIAL MEDIA

Information about the Conference is available on the website: <https://dushanbeicgp2025.com/>. Social media sites for the Conference are available on facebook, X, instagramme, and LinkedIn. The hashtags are: #Glaciers2025 #DushanbeGlaciersConference #IYGP2025

BADGES

All participants, exhibitors and media representatives must register and receive badges to enter venues for the Conference sessions and Pre-Conference Forums. Badges can be collected by participants on 27, 28 and 29 May at Hotel Tajikistan from 9 a.m. to 8 p.m. International participants who arrive on 30 May can collect their badges at the Ittifoki Tochikmatlubot in front of the State Complex «Kokhi Somon» from 7 a.m. to 9 a.m.

LOCAL TRANSPORT

Upon arrival at Dushanbe International Airport, a shuttle bus will transport participants from the airport to their hotels.

On 30 and 31 May, transportation to the Conference venue will be arranged for participants from designated hotels and back within the fixed timetable: Hyatt Regency Dushanbe, Hilton Dushanbe Hotel, Rumi Hotel, Safo Hotel, Hotel Tajikistan, Kangurt Grand Hotel, Hotel Atlas, etc. Registered participants will receive an email and App notification with details about the local transportation arrangements.

MEDICAL SERVICES

In the Conference venue and designated hotels, the participants will be provided with first aid, if necessary.

CURRENCY EXCHANGE

The official currency in Tajikistan is Somoni. Information regarding exchange rates is available on the website of the National Bank (www.nbt.tj). Currency exchange facilities are available in banks, hotels and at the airport. ATMs can be found in most banks, hotels and shopping malls.

WEATHER

The climate in Dushanbe is continental subtropical, with dry and hot summers. In May - June, during daytime, the air usually warms up to 25-35°C.

ELECTRICITY

Standard voltage of the electric circuit in Tajikistan is 220 V with the frequency of 50 Hz. Electric sockets may not correspond to plugs of your electric appliance therefore, it may be necessary to use an adapter.

MOBILE/CELLULAR PHONE SERVICE

Pre-paid sim cards can be purchased at many locations throughout the city with identification.

LOCAL TIME

Dushanbe is located on the GMT+5 time zone.

SECRETARIAT:

In the event of any issues, please contact the Secretariat:

Phone: +992 (37) 227-68-43

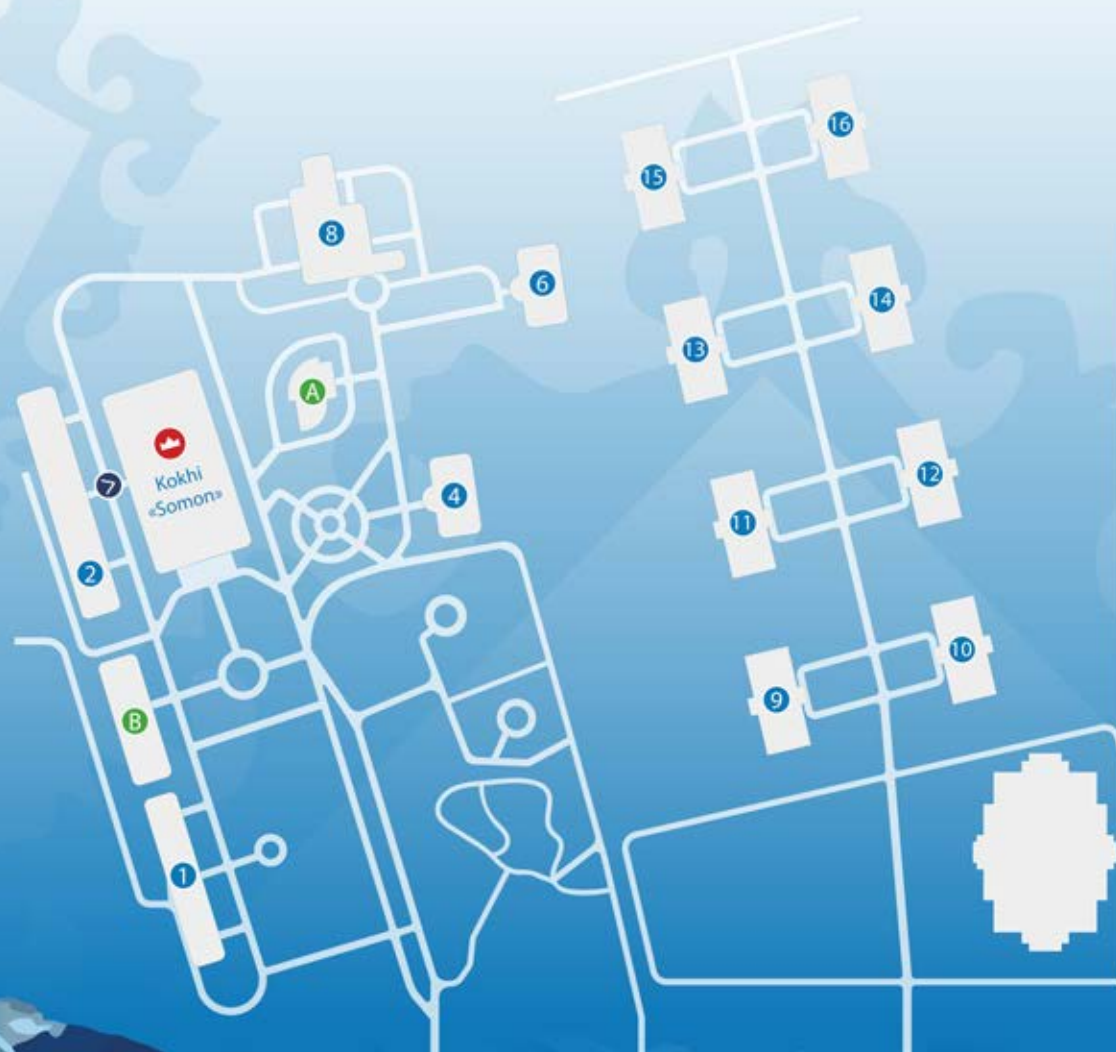
E-mail: secretariaticgp2025@mfa.tj



High-Level International
Conference on Glaciers'
Preservation

29-31 May, 2025
Dushanbe, Tajikistan

LOCATION OF BUILDINGS IN THE "BUSTONSAROI HUKUMATI"



KOKHI "SOMON"

Room	Floor
"Amphitheater"	F 1
"Press Conference Hall"	F 2
"Large Plenary Hall"	F 4

- A** BUILDING A
- 1** BUILDING 1
- 2** BUILDING 2
- B** BUILDING B
- 4** BUILDING 4
- 6** BUILDING 6
- 7** BUILDING 7
- 8** BUILDING 8
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- 16** BUILDING 16

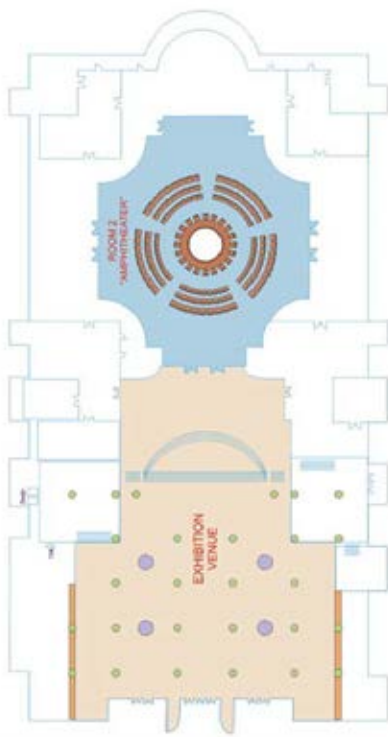
> ENTRANCE FOR THE PRESS

RUDAKI AVENUE

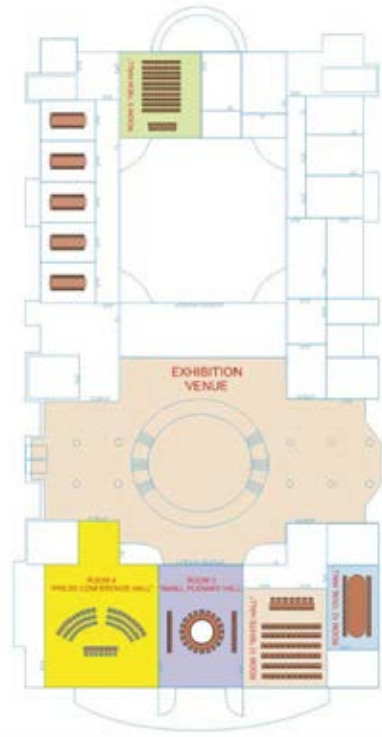
ENTRANCE

FLOOR PLANS OF KOKHI SOMON

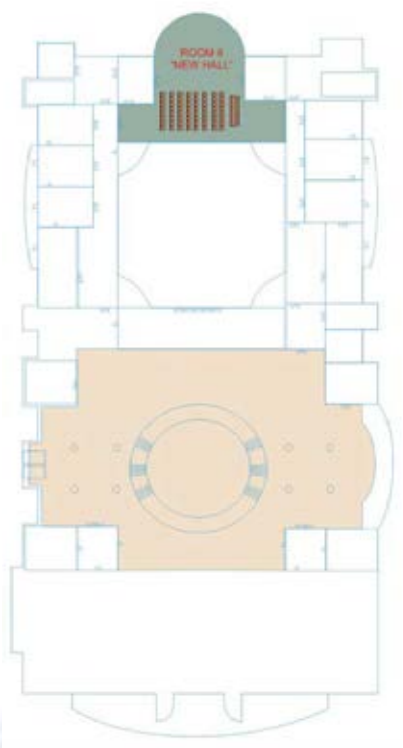
1st FLOOR



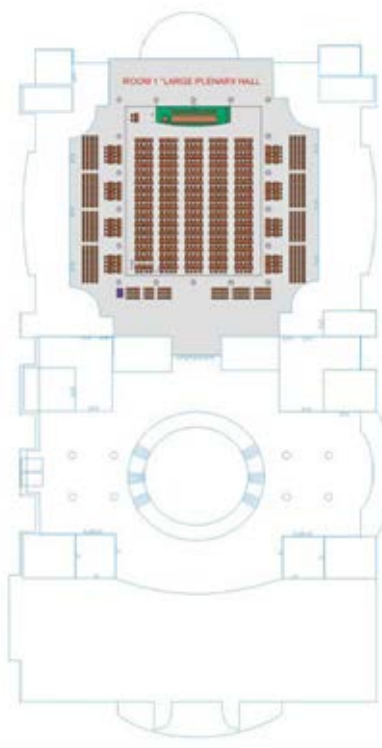
2nd FLOOR



3rd FLOOR



4th FLOOR



ABOUT TAJIKISTAN

Tajikistan, located in Central Asia, shares borders with Uzbekistan and Kyrgyzstan to the west and north, Afghanistan to the south, and China to the east. The country spans a total area of 142,600 km². Tajikistan is characterized by its mountainous terrain, with elevations ranging from 300 to 7,495 meters. Mountains cover 93% of the country's land. The majority of Tajikistan's population and economic activities are concentrated in the remaining 7% of the territory, which consists of valleys. Tajikistan is home to the highest peak in Central Asia and Europe, peak Ismoil Somoni, which rises to 7,495 meters, as well as one of the largest continental glaciers in the world, the Vanj-Yakh Glacier (formerly known as the Fedchenko Glacier).

As of January 1, 2024, Tajikistan's population is estimated to be 10.3 million people. Of this population, 26.4% reside in urban areas, while 73.6% live in rural areas. The average annual population growth rate is approximately 2.5%.

In terms of water resources, Tajikistan ranks first among Central Asian countries. More than 80% of the Amu Darya river flow and 1% of the Syr Darya river flow originate within Tajikistan's borders. In total, Tajikistan contributes 64 km³ per year or 55.4% of the water resources in the Aral Sea basin. The country also possesses over 845 km³ of glacier volume, 18.7 km³ of groundwater, and 46.3 km³ of lake waters.

Despite having very small oil and gas reserves and facing challenges in industrializing coal deposits, Tajikistan boasts vast and inexhaustible reserves of hydropower resources. Expert estimates suggest that these reserves amount to approximately 527 billion kWh of electricity annually. This potential is 2.5 times greater than the current electricity consumption of the entire Central Asian region. By effectively harnessing this potential, the region can benefit from affordable and environmentally friendly electricity.



ABOUT DUSHANBE

Dushanbe is the capital of Tajikistan, city of Republican significance, the largest scientific, cultural, political, economic, industrial and administrative center of the country.

In 2001, Dushanbe was proclaimed «City of Peace» and, in 2009 the capital of the Center of Islamic Culture by the United Nations. As of 1st January 2024, the population of the city was about 1.1 million people.

Dushanbe is a beautiful and very green city, located in a foothill zone. While you are stepping into the city, you will be immediately imbued with the atmosphere of warmth, hospitality, friendliness and truly oriental flavor.

Dushanbe is an ancient and young city. According to the archeologists, it has a millennial history. However, the first writings mention that the village of Dushanbe was founded in 1676. The village Dushanbe arose at a crossroads. On Mondays, a large Bazaar would be organized, which is where the village inherited its name «Dushanbe», meaning «Monday». On 14 July 1922, the city was declared the capital of the Tajik Autonomous Soviet Socialist Republic, which in 1929 was transformed into the Tajik Soviet Socialist Republic.

In 1924-1929, the official name of the city was Dushanbe. In 1929, it was renamed Stalinabad in honor of Stalin. In 1961 the historical name of Dushanbe was returned.




CONTACTS - Secretariat

Website: <https://dushanbeicgp2025.com>

Tel.: +992 37 227 68 43

E-mail: secretariatcgp2025@mfa.tj

 <https://dushanbeicgp2025.com/>

 <https://www.facebook.com/profile.php?id=61573516094918>

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