



# The Central Asia Climate Change Conference: “Climate Change and Development”

16-17 May 2023 | Dushanbe, Tajikistan

## THE CONCEPT

The 5<sup>th</sup> Central Asia Climate Change Conference (CACCC-2023) is organized by the Regional Environmental Centre for Central Asia (CAREC) within “Climate Adaptation and Mitigation Program in the Aral Sea Basin AF” (CAMP4ASB AF)<sup>1</sup>, “Central Asia Nexus Dialogue Project: Fostering Water, Energy and Food Security Nexus and Multi-Sector Investment” (NEXUS) in cooperation with the Committee for Environmental Protection under the Government of the Republic of Tajikistan, PROGREEN and the “Central Asia Water & Energy Program” (CAWEP), a partnership between the World Bank, the European Union, Switzerland and the United Kingdom. The Conference will be held on 16-17 May 2023 in Dushanbe, Tajikistan. The Conference will bring together all stakeholders to discuss water, energy, food, and environmental sustainability in the context of a changing climate in the Central Asia region. The conference participants will be informed about the progress of Central Asian countries related to climate mitigation and adaptation action, relevant initiatives to achieve cross-sectoral climate resilience, and platforms available for regional and international cooperation.

### Background

The Central Asian region is exposed to negative impacts of a rapidly changing climate because of a harsh and unique context – an arid, landlocked, snow-fed region with most of the water originating in the glaciers of the upstream mountains and neighborhood countries, extensive agriculture, aging infrastructure, and high population growth. Although countries of the region – Kazakhstan, Kyrgyz Republic, Tajikistan, Turkmenistan, and Uzbekistan – have distinct landscapes, natural-climatic conditions, development priorities, a transboundary nature of climate change will equally affect each Central Asian nation with novel risks. To name few of them that countries in the region are facing already today: changes in temperature and water regimes, higher maximum temperatures, and longer duration of heat waves; an increase in the total amount of precipitation, spatial and seasonal shifts of precipitation; increasing occurrence of extreme rainfalls and droughts resulting in land degradation, water quality, desertification, dust storms, increasing pressure on infrastructure.

Moving towards carbon neutrality and climate resilience through low-carbon, climate-resilient development; updating water, energy, and food infrastructure to address climate risks, strengthening the capacity of local communities, implementing progressive regulatory and institutional reforms to attract the necessary investments - these are the strategic challenges to be addressed by the governments and their development

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<sup>1</sup> CAREC implements CAMP4ASB AF jointly with EC IFAS under the financial support of the World Bank and the Green Climate Fund

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partners in Central Asia region. Unprecedented economic, social transformations and regional cooperation are required to address these challenges.

### Expected results

- The CACCC-2023 participants will learn about the progress, challenges and gaps with implementation of climate commitments by the Central Asian countries, governance and financial arrangements for implementation of sector-specific strategies at the national and local scales, and available platforms for regional climate coordination and cooperation;
- The CACCC-2023 participants will also discuss potential for regional collaboration and learn about the outcomes of participation of the Central Asian countries at the UNFCCC COP27, as well as plans for COP28;
- The national government officials and international development partners will exchange views on the challenges and opportunities of strengthening water, energy, food, and environmental (WEFE) sustainability in the context of a changing climate and implications of applying WEFE nexus approach.

### Target audience

Representatives of the ministries of economic development, environmental protection and ecology, water, agriculture, energy, hydrometeorological services, and other line ministries of the Central Asia countries will attend CACCC-2023. Involvement of international organizations, multilateral development banks, the expert community, youth leaders, scientific institutions, civil society organizations, water/energy utilities, and business representatives is also expected.

The event will be streamed online with the opportunity for an active participation and interaction by online participants. For your convenience, further below are local start times of the Conference for **online connection**:

Participant's location	Start of the Forum (online)
Almaty, Kazakhstan	09:50
Ashgabat, Turkmenistan	08:50
Bishkek, Kyrgyz Republic	09:50
Dushanbe, Tajikistan	08:50
Tashkent, Uzbekistan	08:50

**Participation format:** hybrid

**Registration of participants** is obligatory, please use the following [link](#)

**Working language:** Russian, English. Simultaneous translation will be provided by the organizers.

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## INFORMATION NOTE

### for online participants of the 5th Central Asia Climate Change Conference (CACCC-2023)

The CACCC-2023 events will take place in multiple halls, each equipped with a separate online broadcast channel to enable virtual participation. To attend the sessions you are interested in, as per the CACCC-2023 Program, you must register for the relevant broadcast channel for each hall. Registration for Broadcast Channel 1 only needs to be done once, and the link received will be valid for online participation in all the sessions listed for the entire conference. For Broadcast Channel 2, upon registration, you will receive an individual code and Zoom link via email for each session you have registered for.

#### **Day 1. May 16, 2023**

09:00 - 12:30

Opening Session [link](#) (Channel 1)

Opening Plenary: Climate Change and Development in Central Asia [link](#) (Channel 1)

Panel Discussion 1: National policies, strategies and programs for climate mitigation and adaptation [link](#) (Channel 1)

14:00 – 16:00

*Parallel Session A – Water and Energy Security, WEF Nexus and Youth engagement potential*

- Parallel Session A.1: Water Security [link](#) (Channel 1)
- Parallel Session A.2: Energy Security [link](#) (Channel 2)
- Parallel Session A.3: WEF Nexus under Climate Change [link](#) (Channel 2)
- Parallel Session A.4: Youth Session: Connecting Policy, Activism and Science [link](#) (Channel 2)

16:30 – 18:00

*Parallel Session B – Multi-sectoral Cooperation to address climate Impact*

- Parallel Session B.1: Circular Economy [link](#) (Channel 1)
- Parallel Session B.2: Landscape Restoration for Climate Resilience in Central Asia [link](#) (Channel 2)
- Parallel Session B.3: WEF Nexus Next Steps [link](#) (Channel 2)
- Parallel Session B.4: Climate transparency, reporting and verification [link](#) (Channel 2)

#### **Day 2. May 17, 2023**

09:00 – 11:00

Panel Session 2: Leveraging regional collaboration in a changing global policy environment [link](#) (Channel 1)

11:30 – 13:00

*Parallel Session C – Health and Resilience for Sustainable Development*

- Parallel Session C.1: Air pollution, health, and climate change [link](#) (Channel 1)
- Parallel Session C.2: Building Climate Resilience on local level [link](#) (Channel 2)
- Parallel Session C.3: Climate Change impacts on transboundary water resources from source to sea [link](#) (Channel 2)

14:30 – 17:00

Panel Session 3: Climate financing: needs and opportunities [link](#) (Channel 1)

Closing Plenary [link](#) (Channel 1)



# The Central Asia Climate Change Conference: “Climate Change and Development”

16-17 May 2023 | Dushanbe, Tajikistan

## PROGRAM

Pre-Conference Events	
May 11-12, 2023. Mass-media Training, On-line session	
May 15, 2023. Mass-media Training.	
May 15, 2023. Youth pre-conference Event	
May 15, 2023. Meeting of the Regional Network of Climate NGOs in Central Asia on preparation for COP 28	
May 16, 2023 (Tuesday)	
Day 1: National climate change priorities and progress	
<b>08:30-09:00</b>	<b>Registration</b>  Demostration of videos CEP and IPCC Organisational announcements
<b>09:00-09:30</b>	<b>Opening Session</b> <i>Venue: Regency Ballroom (G floor)</i>  <i>Moderator: Mr. Sino Tohirzoda, Head of NDC Secretariat, Committee for Environmental Protection under the Government of the Republic of Tajikistan</i> <ul style="list-style-type: none"> <li>• Ms. Tatiana Proskuryakova, Regional Director, World Bank</li> <li>• H.E. Mr. Raimundas Karoblis, EU Ambassador to Tajikistan</li> <li>• Dr. Hoesung Lee, IPCC Chair (online)</li> <li>• Mr. Zafar Makhmudov, Executive Director, CAREC</li> </ul> Demonstration of the CAWEP video

<p><b>09:30-10:10</b></p>	<p><b>Opening Plenary: Climate Change and Development in Central Asia</b>  <i>Venue: Regency Ballroom (G floor)</i>  <i>Moderator: Mr. Sino Tohirzoda, Head of NDC Secretariat, Committee for Environmental Protection under the Government of the Republic of Tajikistan</i></p> <p><b>Video Address:</b> Juergen Voegele, Vice President, Sustainable Development, World Bank  <b>Keynote Presentation:</b> Climate and Development. Insights from Global Experience with CCDRs, Winston Yu, Water Practice Manager for the Europe and Central Asia Region, World Bank</p> <ul style="list-style-type: none"> <li>● Mr. Abdulkodyr Mavlodod, Deputy Chairman, Committee for Environmental Protection under the Government of the Republic of Tajikistan</li> <li>● Mr. Begmagambetov Dosbol Botashevich, Vice-Minister of Ecology and Natural Resources of the Republic of Kazakhstan (online)</li> <li>● Dr. Azamat Temirkulov, Director, Climate Finance Center under Ministry of Natural Resources, Ecology and Technical Supervision of the Kyrgyz Republic (online)</li> <li>● Mr Chetiyev Charyyar Purievich, Vice-Ministry of Agriculture and Environmental Protection of Turkmenistan</li> <li>● Mr Boriy Alikhanov, Chairman of the Committee on the Development of the Aral Sea Region and the Environment, Senate of the Oliy Majlis of the Republic of Uzbekistan (online)</li> <li>● Mr. Sorbon Kholmuhammadzoda, Deputy Minister of Energy and Water Resources of the Republic of Tajikistan</li> <li>● Mr. Ahmadjon Akramov, Youth representative, winner of the Central Asian Young Leaders for the Environment Award</li> </ul>
<p><b>10:10-10:45</b></p>	<p><b>Group Photo</b>  <b>Coffee Break</b></p>
<p><b>10:45-12:30</b></p>	<p><b>Panel Session 1:</b> National policies, strategies and programs for climate mitigation and adaptation  <i>Venue: Regency Ballroom (G floor)</i>  <i>Moderator: Mr. Vladimir Grebnev, Regional Climate Change Specialist, CAREC</i></p> <ul style="list-style-type: none"> <li>● Mr Shiranov Akzan Rashidovich, Director, Department of Environmental Policy and Sustainable Development, Ministry of Ecology and Natural Resources of the Republic of Kazakhstan</li> <li>● Mr. Azamat Temirkulov, Director, Climate Finance Center under Ministry of Natural Resources, Ecology and Technical Supervision of the Kyrgyz Republic (online)</li> <li>● Mr. Turakul Murodov Head of NDA Secretariat and National Coordination Group of CAMP4ASB, Committee for Environmental Protection under the Government of the Republic of Tajikistan</li> <li>● Mr. Chetiyev Charyyar Purievich, Deputy-Minister, Ministry of Agriculture and Environmental Protection of Turkmenistan</li> <li>● Mr. Karimov Ibratjon Alijonovich, First Deputy Director of the Hydrometeorological Service Agency under the Ministry of Natural Resources of the Republic of Uzbekistan</li> </ul> <p>Q&amp;A</p>

12:30-14:00	<b>Lunch</b>			
14:00-16:00	<b>Parallel Session A – Water and Energy Security, WEF Nexus and Youth engagement potential</b>			
	<p><i>Venue:</i> Regency Ballroom (G floor)</p> <p><b>A.1: Water Security</b>  <i>Moderator: William Young, CAWEP Program Manager</i></p> <ul style="list-style-type: none"> <li>● Harnessing Satellite Data to Improve Irrigation Performance</li> <li>● Enhancing Cooperation for Shared Hydraulic Infrastructure</li> <li>● Snowpack Monitoring &amp; Snowmelt Forecasting</li> <li>● Energy-Efficient Water Services</li> <li>● Strengthening Groundwater Management in Central Asia</li> <li>● The Water-Energy Nexus Issues in Central Asia</li> <li>● Central Asia Knowledge Network</li> <li>● Youth Inclusion in Water and Climate in Central Asia</li> </ul>	<p><i>Venue:</i> Toronto Room (1 floor)</p> <p><b>A.2. Energy Security</b>  <i>Moderator: Jane Olga Ebinger, Sector Leader, Sustainable Development, Central Asia, World Bank</i></p> <ul style="list-style-type: none"> <li>● Renewables &amp; decarbonization</li> <li>● Regional energy connectivity</li> <li>● Energy markets and trade</li> </ul>	<p><i>Venue:</i> Brussels Room (G floor)</p> <p><b>A.3: WEF Nexus under Climate Change</b>  <i>Moderator: Zafar Makhmudov, Executive Director CAREC</i></p> <ul style="list-style-type: none"> <li>● WEF innovations</li> <li>● Sedimentation process at the water facilities: methods of sediment removal and recycling based on the demo project at Tyamuyun Hydroelectric Complex</li> <li>● Reducing the energy intensity of the pumping stations based on Tajikistan Nexus demo project</li> <li>● Involvement of the private sector’s investments to the afforestation of the dried bottom of Aral Sea</li> <li>● Introduction of the Nexus approach in the educational curriculum</li> <li>● WEF Nexus on regional level: IFAS role in WEF management</li> </ul>	<p><i>Venue:</i> New York Room (1st floor)</p> <p><b>A.4: Youth Session: Connecting Policy, Activism and Science</b>  <i>Moderator: Larissa Kogutenko, DKU</i></p> <ul style="list-style-type: none"> <li>● Engaging next-gen climate leaders of Central Asia through science and research, business, and activism</li> <li>● Exploring youth perspectives on addressing, mitigating and adapting to climate change</li> <li>● Central Asian youth in action: opportunities, gaps and needs</li> </ul>
16:00-16:30	<b>Coffee Break</b>			
16:30-18:00	<b>Parallel Session B – Multi-sectoral Cooperation to address climate Impact</b>			

	<p><i>Venue:</i> Regency Ballroom (G floor)</p> <p><b>B.1: Circular Economy</b>  <i>Moderator: Zafar Makhmudov, Executive Director, CAREC</i></p> <ul style="list-style-type: none"> <li>● Circular Economy in the context of changing climate and green transition</li> <li>● Circular Economy Opportunities and barriers in Central Asian Countries</li> <li>● Circular Economy in Central Asia - Private sector perspectives</li> </ul>	<p><i>Venue:</i> New York Room (1st floor)</p> <p><b>B.2: Landscape Restoration for Climate Resilience in Central Asia</b>  <i>Moderator: Banu Setlur, Senior Environmental Specialist, World Bank</i></p> <ul style="list-style-type: none"> <li>● Watershed environmental services</li> <li>● Landscape restoration opportunities</li> <li>● Regional transboundary ecosystems</li> <li>● Nature-based solutions</li> <li>● Climate Investment Assessment Instrument (CAMP4ASB)</li> </ul>	<p><i>Venue:</i> Brussels Room (G floor)</p> <p><b>B.3: WEF Nexus Next Steps</b>  <i>Moderator: Ludmilla Kiktenko, Programme Manager, CAREC</i></p> <ul style="list-style-type: none"> <li>● EU Nexus mainstreaming plans</li> <li>● CAWEP 4 new horizons</li> <li>● USAID support in Nexus mainstreaming</li> <li>● Nexus approach within “Green Central Asia”</li> <li>● IKI Nexus project’s engagement to push forward the Nexus approach for a Climate Resilient Central Asia</li> <li>● Institutionalization of the Nexus approach through the National Water Policy Dialogues in Central Asia</li> </ul>	<p><i>Venue:</i> Toronto Room (1st floor)</p> <p><b>B.4: Climate transparency, reporting and verification</b>  <i>Moderator: Dilovarsho Dustzoda, Project Manager, ReCATH/CAREC</i></p> <ul style="list-style-type: none"> <li>● Transparency in UNFCCC reporting</li> <li>● Existing capacity building initiatives in the CA region</li> <li>● Gaps and needs in transparency that remain to be addressed in the region</li> </ul>
<p><b>19:30-21:30</b></p>	<p><b>Conference Dinner</b></p>			

<b>May 17, 2023 (Wednesday)</b>	
<b>Day 2: Regional collaboration and climate financing for sustainable development</b>	
<b>09:00-11:00</b>	<p><b>Panel Session 2: Leveraging regional collaboration in a changing global policy environment</b>  <i>Venue: Regency Ballroom (G floor)</i>  <i>Moderator: Dr. Alexey Kokorin, Head of the Climate and Energy Program, WWF Central Asia</i></p> <p>Video about CAMP4ASB project</p> <p><b>Block 2.1: International support and potential for regional collaboration</b>  <i>Key presentations:</i></p> <ul style="list-style-type: none"> <li>● Key insights from the IPCC 6th Assessment Report, Dr. Rupa Mukerji, Lead IPCC Author, Director of Advisory Services, HELVETAS Swiss Intercooperation (online)</li> <li>● International development support for regional climate initiatives: <ul style="list-style-type: none"> <li>-Mr. Torsten Brezina, Cluster Coordinator in Central Asia, GIZ</li> <li>-Ms. Evetta Zenina, Natural Resources Officer, FAO Sub-regional Office</li> <li>-Mr. Oleg Bulanyi, Senior Programme Officer, Initiative for Climate Action Transparency ICAT</li> </ul> </li> <li>● CACIP as an information platform for more efficient regional knowledge exchange, Mr. Firuz Ibragimov, Senior M&amp;E Specialist, CAREC</li> <li>● Central Asian Regional Climate Network of civil society organizations (CA RCN), Dr. Svetlana Mogilyuk, CA RCN Coordinator</li> </ul> <p>Q&amp;A</p> <p><b>Block 2.2: Way from COP27 to COP28: lessons and opportunities for Central Asian Countries</b>  <i>Keynote presentations:</i></p> <ul style="list-style-type: none"> <li>● Central Asia engagement in UNFCCC negotiation process, Mr. Zafar Makhmudov, Executive Director, CAREC</li> <li>● Way from COP27 to COP28: lessons and opportunities, Dr. Alexey Kokorin, Head of the Climate and Energy Program, WWF Central Asia</li> <li>● Countries plans and visions for the Central Asian Regional Statement at the COP28 <ul style="list-style-type: none"> <li>- Mr Shiranov Akzan Rashidovich, Director, Department of Environmental Policy and Sustainable Development, Ministry of Ecology and Natural Resources of the Republic of Kazakhstan</li> <li>- Mr. Azamat Temirkulov, Director, Climate Finance Center under Ministry of Natural Resources, Ecology and Technical Supervision of the Kyrgyz Republic (online)</li> <li>- Mr. Sattor Saidov, Head of Climate Change Centre and Ozone Layer, Agency for Hydrometeorology, Committee for Environmental Protection under the Government of the Republic of Tajikistan</li> <li>- Mr. Chetiyev Charyyar Purievich, Deputy Minister, Ministry of Agriculture and Environmental Protection of Turkmenistan</li> <li>- Mr. Karimov Ibratjon Alijonovich, First Deputy Director of the Hydrometeorological Service Agency under the Ministry of Natural Resources of the Republic of Uzbekistan</li> </ul> </li> </ul> <p>Open discussion</p>
<b>11:00-11:30</b>	<b>Coffee Break</b>



<p><b>11:30-13:00</b></p>	<p><b>Parallel Session C – Health and Resilience for Sustainable Development</b></p>		
	<p><i>Venue:</i> Regency Ballroom (G floor)  <b>C.1: Air pollution, health, and climate change</b>  <i>Moderator: Jane Ebinger, Sector Leader, World Bank</i></p> <ul style="list-style-type: none"> <li>● Air Pollution, Health and Climate Change - from Co-Benefits to Coherent Policies</li> <li>● Clean Air Initiatives in Central Asian Countries</li> <li>● Air Quality Management Priorities Central Asia</li> <li>● Regional Cooperation for Clean Air – Opportunities and Challenges in Central Asia</li> </ul>	<p><i>Venue:</i> Brussels Room (G floor)  <b>C.2: Building Climate Resilience on local level</b>  <i>Moderator: Mr. Vladimir Grebnev, Regional Climate Change Specialist, CAREC</i></p> <ul style="list-style-type: none"> <li>● Climate Change Resilience in Ferghana Valley</li> <li>● Climate investments under CAMP4ASB in Tajikistan and Uzbekistan</li> <li>● Vulnerability assessment and adaptation planning on local level</li> <li>● Climate Change adaptation on local communities: best practices and lessons learned</li> </ul>	<p><i>Venue:</i> Toronto Room (1st floor)  <b>C.3: Climate Change impacts on transboundary water resources from source to sea</b>  <i>Moderator: Zafar Makhmudov, Executive Director, CAREC</i></p> <ul style="list-style-type: none"> <li>● Cryosphere Observation and Modelling for improved Adaptation in Central Asia (CROMO-ADAPT)</li> <li>● Introduction to the SAPPHERE Project</li> <li>● Weather, Water and Climate Services in Tajikistan and the Zerafshan basin</li> <li>● The exchange of water quality data and capacity-building activities for the water quality experts</li> </ul>
<p><b>13:00-14:30</b></p>	<p><b>Lunch</b>  <b>Simulation of WEF Nexus approach (Nexus Game)</b></p>		
<p><b>14:30-16:30</b></p>	<p><b>Panel Session 3: Climate financing: needs and opportunities</b>  <i>Venue:</i> Regency Ballroom (G floor)  <i>Moderator: Ms. Paola Agostini, World Bank</i></p> <p><b>Keynote Presentation:</b> “Innovative climate finance and opportunities for Central Asia” by Ms. Jane Olga Ebinger, Sector Leader, Sustainable Development, Central Asia, World Bank</p> <ul style="list-style-type: none"> <li>● Jamshed Sattorzoda, Head of the Unit on Investment Projects management, Ministry of Finance of the Republic of Tajikistan</li> <li>● Mr. Kai Kaiser, Senior Economist, World Bank</li> <li>● Mr. Farukh Sulonov, Country Officer, IFC Tajikistan</li> <li>● Mr. Ilgiz Kambarov, Executive Director, Green Alliance KG</li> </ul> <p>Q&amp;A</p> <ul style="list-style-type: none"> <li>● Ms. Shanny Campbell, Country Director, ADB</li> <li>● Mr. Etienne Espagne, Senior Economist, World Bank</li> <li>● Ms. Paola Ridolfi, Manager on Partnership and Operations, The Global Environment Facility Secretariat</li> <li>● Ms. Lyudmila Kiktenko, Programme Manager, CAREC</li> <li>● Dr. Iskandar Abdullaev, Deputy Director, CAREC Institute</li> <li>● Mr. Anvar Nasritdinov, Principal, Climate Strategy, European Bank for Reconstruction and Development (online)</li> </ul> <p>Q&amp;A</p>		

<p><b>16:30-17:00</b></p>	<p><b>Closing Plenary</b>  <i>Venue: Regency Ballroom (G floor)</i>  <i>Moderator: Mr. Sino Tohirzoda, Head of NDC Secretariat, Committee for Environmental Protection under the Government of the Republic of Tajikistan</i></p> <ul style="list-style-type: none"> <li>● Ms. Jannat Rakhimova, representative of eco-youth from the Central Asia</li> <li>● Dr. Svetlana Mogilyuk, Coordinator, Central Asian Regional Climate Network of civil society organizations</li> <li>● Mr. William Lindberg, Deputy Head of Cooperation, European Delegation to Tajikistan</li> <li>● Mr. Ozan Sevimli, Country Manager for Tajikistan, World Bank</li> <li>● Closing remarks and conclusions, Mr. Zafar Makhmudov, Executive Director, CAREC</li> </ul> <p>Closing conference</p> <ul style="list-style-type: none"> <li>● Mr. Mavlodod Abdulkodyr, Deputy Chairman, Committee for Environmental Protection under the Government of the Republic of Tajikistan</li> </ul>
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### Post-Conference Events

May 18-19, 2023. Regional Training Workshop on Improving Data Collection and Analytical Tools for Greenhouse Gas Emissions Forecasting in Central Asian Countries  
 May 18,2023. World Bank's Resilient Landscapes Program (RESILAND CA+) Retreat  
 May 18-20,2023. Constituency Meeting before 64th GEF Council Meeting