PROGRAMME BOOK


“Catalyzing water action and partnership at the local, national, regional and global levels”

6-9 JUNE 2022
DUSHANBE
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WELCOME MESSAGE BY THE CO-CHAIR

Dear Friends,

With great pleasure I would like to welcome you to the Second High-Level International Conference on the International Decade for Action “Water for Sustainable Development”, 2018-2028, to be held on 6-9 June 2022 in Dushanbe.

The Water Action Decade reaffirms that in the current global agenda water is still among the most urgent issues. Consequently to achieve significant progress in the implementation of internationally agreed water goals, greater integration of the efforts of all stakeholders is necessary.


The Conference, as an integral part of the series of events convened in the framework of the “Dushanbe Water Process”, will provide an opportunity to trace the progress and gaps in the implementation of the Water Action Decade, including initiatives and obligations. It will focus on how governments and stakeholders can intensify and strengthen partnerships to contribute to the implementation of water-related goals and targets of the 2030 Agenda for Sustainable Development and other internationally agreed documents.

We hope that representatives of governments, international and regional organizations, international financial institutions, scientific and educational entities, NGOs, river and lake basin authorities, women, children and youth organizations, as well as private sector, will take an active part in deliberations and develop concrete recommendations for implementation of water-related Sustainable Development Goals and objectives.

I am confident that your active participation in the plenary sessions, thematic and interactive panels, forums and side events will ensure success of the conference and make a valuable contribution to the promotion of joint efforts in achieving sustainable development and the efficient use of water resources for the benefit of the present and future generations.

Sincerely,

Qohir Rasulzoda
Prime Minister of the Republic of Tajikistan
Chairman of the National Organizing Committee
WELCOME MESSAGE BY THE CO-CHAIR

Dear Friends,

It is my pleasure to welcome you to the 2nd Water Action Decade Conference, held under the theme “Catalyzing water action and partnership at the local, national, regional and global levels.”

Worldwide, pressure on water resources is rising, while actions for their sustainable management and use are lagging. Meeting the water needs of the world’s growing population is key for sustainable development in all its dimensions - economic, social and environmental. We must address water-intensive consumption patterns, as well as increasing precipitation variability and water pollution. Furthermore, climate change is exacerbating extreme weather events, such as floods and droughts, which impose huge social and economic costs around the world.

Over the last two years of the COVID-19 pandemic, the world has recognized the critical importance of water and sanitation. Hand washing has emerged as a major means of protection from infectious diseases. Yet, statistics show that 1 out of 3 people still lack handwashing facilities at home and billions more still do not have access to safe drinking water and sanitation.

Despite efforts made, the world is off track to meet Sustainable Development Goal 6: “Ensure availability and sustainable management of water and sanitation for all” by 2030 and other internationally agreed water-related goals. Therefore, it is imperative that we accelerate our efforts towards the accomplishment of these water-related goals. We must urgently address these challenges together, implementing programmes and projects on integrated and sustainable management of water and sanitation. Commitment and cooperation at all levels are essential for mobilizing resources, capacity-building and technology transfer.

The Second Dushanbe Water Action Decade Conference provides a timely opportunity to focus on catalyzing water actions and partnerships to contribute to the achievement of water-related goals and targets at the global, regional and national levels. Also, the Conference will serve as an important meeting to enhance preparations for the United Nations 2023 Water Conference, to be convened from 22 to 24 March 2023 in New York.

The Dushanbe Conference will address the critical interlinkages between water and climate change, health, food, energy, industry and the environment, and promote respective science-based solutions and tools. Furthermore, participants will have an opportunity to showcase successful actions and innovative partnerships within the Water Action Decade. I encourage everyone to present ideas for strengthening cooperation at different levels that will accelerate implementation on the ground.

The UN Department of Economic and Social Affairs is pleased to partner with Tajikistan in the organization of the Dushanbe Conference and stands ready to support countries and stakeholders in their efforts to ensure availability and sustainable management of water and sanitation for all.

I look forward to welcoming you in Dushanbe and wish you all a fruitful Conference.

Thank you,

Liu Zhenmin
Under-Secretary-General for Economic and Social Affairs
United Nations
ABOUT THE CONFERENCE

BACKGROUND

Today, per capita freshwater availability is diminishing. Over the past four decades, it dropped by one-third. According to UN-Water’s World Water Development Report (2018), by 2050, between 4.8 billion and 5.7 billion people out of 9 billion will live in areas that are water-scarce for at least one month each year, up from 3.6 billion today, while the number of people at risk of floods will increase to 1.6 billion, up from 1.2 billion today.

Water is a powerful tool for cooperation and dialogue in support of sustainable development and safer and resilient societies. However, there is a need for more effective, integrated and coordinated actions, coupled with strong political will. All stakeholders, including those in government, international organizations, civil society, the private sector and academia, should be engaged, paying special attention to the livelihoods of poor and vulnerable people, leaving no one behind.

To bridge the achievement gap, the United Nations launched the SDG 6 Global Acceleration Framework. The Framework emphasizes that there are many examples from around the world which prove that dramatic gains are possible and that some of the solutions are inexpensive, effective and can be quickly deployed. The Framework aims at delivering fast results at an increased scale. Coordinated by UN-Water, the Framework is driven by country demand and will unify the international community’s support to countries to achieve SDG 6. Action is driven by five accelerators: financing, data and information, capacity development, innovation, and governance.

Mobilizing political will and commitments to address water issues worldwide plays a crucial role. Equally important are forward-thinking and a willingness to promote innovative ways to approach local, national, regional and international water cooperation in the aftermath of the COVID-19 crisis. Open discussions about the issues shaping water resources management today and public participation in decision-making, including, among others, of women, youth, minorities, migrants, refugees and persons with disabilities, can stimulate cooperative solutions and actions. Promoting a culture of consultation and dialogue, increasing participatory engagement and partnership will help to deliver benefits for all.

WATER ACTION DECADE

AND THE DUSHANBE WATER PROCESS

In December 2016, the United Nations General Assembly declared the period 2018-2028 as the International Decade for Action “Water for Sustainable Development” (hereinafter Water Action Decade), which aims at supporting sustainable development and integrated management of water resources, while promoting cooperation and partnerships to support achieving internationally agreed water-related goals and targets, including those contained in the 2030 Agenda for Sustainable Development. On 22 March 2018, the United Nations Secretary General’s Plan for the Water Action Decade was released during a High-Level Launch Event, convened by the President of the 73rd United Nations General Assembly. The plan outlines current activities and capabilities of the UN system and international organizations and the operational setup envisaged to support Member States in the implementation of the Water Action Decade.

In this connection, the Government of Tajikistan, committed to continue providing a platform for policy dialogue, partnership and action at the global, regional and national level, is organizing, with the support of the United Nations and other partners, high-level international conferences throughout the Water Action Decade. This series of events constitutes the so-called “Dushanbe Water Process”. As part of this process, the First High-level International Conference on the International Decade for Action, “Water for Sustainable Development”, 2018–2028 (First Dushanbe Water Action Decade Conference) was held in Dushanbe on 20-21 June 2018. The outcomes of the Conference included recommendations to the UN High-level Political Forum on Sustainable Development that took place in 2018, for its in-depth review of the implementation of SDG 6.
The Final Declaration of the First Dushanbe Conference confirmed the focus of the next conference to be on “Catalyzing water action and partnership at the local, national, regional and global levels” to achieve the goals of the Water Action Decade and other water-related SDGs and targets. In the wake of the COVID-19 pandemics, the Second Dushanbe Water Action Decade Conference had to be postponed to 2022. Taking into account the rapidly evolving development challenges, and the fact that the coronavirus disease demonstrated a crucial role of the safe and affordable drinking water, and adequate and equitable sanitation and hygiene which should be available, accessible, and affordable to all, as well as importance of water for economic recovery the Conference planned for 2022 will have a renewed focus on “Catalyzing water action and partnership at the local, national, regional and global levels” for the water-smart recovery path in the post-COVID world.

The importance of the Second Dushanbe Water Action Decade Conference was further reaffirmed at the global level through the adopted UN GA resolution 75/212, indicating it as the key preparatory event for the United Nations Conference on the Midterm Comprehensive Review of the Implementation of the Objectives of the International Decade for Action “Water for Sustainable Development”, 2018-2028. The Midterm Review Conference will take place from 22 to 24 March 2023 in New York and will be co-hosted by the Governments of Tajikistan and the Netherlands. The resolution calls on the offer of the Government of Tajikistan to use the Dushanbe Water Action Decade Conference in 2022 as a platform to support an effective preparation for the Midterm comprehensive review. The Conference in Dushanbe shall also ensure linkages with other water-related meetings that may serve to provide input for the preparatory process of the Midterm Conference, e.g. high-level symposium on water during the UN Ocean Conference, Bonn Water Dialogue for Results, Asia-Pacific Water Summit and the 9th World Water Forum.

The Second Dushanbe Water Action Decade Conference is organized by the Government of Tajikistan with the support of the United Nations and will be held from 6 to 9 June 2022. The Conference will be co-chaired by the Prime Minister of the Republic of Tajikistan and the United Nations Under-Secretary-General for Economic and Social Affairs.

OBJECTIVES

The Second Dushanbe Water Action Decade Conference will focus on how governments, the United Nations and its entities, other international and regional organizations, international financial institutions, the private sector, civil society organizations, academia, communities, local governments and other stakeholders can catalyze water action and partnerships to contribute to the implementation of water-related goals and targets of the 2030 Agenda for Sustainable Development, the Paris Climate Agreement, the Sendai Framework for Disaster Risk Reduction, the Addis Ababa Action Agenda on Financing for Development and the New Urban Agenda at all levels, while supporting the global response to the COVID-19 crisis.


In particular, the Second Dushanbe Water Action Decade Conference will focus on:

- Providing an update on the activities and actions indicated in the Final Declaration, the Co-Chairs’ Summary and the Call for Action and Partnerships of the First Dushanbe Water Action Decade Conference, co-organized by the Government of Tajikistan and the United Nations;
- Accelerating the implementation of internationally agreed water-related goals and targets at the regional and national level, particularly through the SDG 6 Global Acceleration Framework;
- Promoting science-based solutions and tools, including data, technologies and innovations;
- Improving capacity building, knowledge and education through sharing information and best practices;
• Showcasing successful partnerships, advocacy and networking actions by stakeholders at all levels;
• Strengthening cooperation at different levels by promoting dialogue, partnership and cross-sectoral approaches.

The Conference in 2022 will also provide a mechanism to encourage governments, the United Nations and all other partners to translate good intentions into actions on the ground.

OUTCOMES

In continuity with past events, this Conference will produce a Final Declaration and a Co-chair’s Summary, as well as a compendium of actions, partnerships and other initiatives, presented during the Conference.

The outcome documents of the Second Dushanbe Water Action Decade Conference will consolidate critical views of the stakeholders on key actions and partnerships necessary to take the water sector agenda forward globally and provide valuable inputs to the preparation of the UN 2023 Water Conference in New York. The outcomes of the Conference will be presented to the 77th session of the United Nations General Assembly and the United Nations High-Level Political Forum on Sustainable Development.

ORGANIZERS

The Conference is organized by the Government of the Republic of Tajikistan in cooperation with the United Nations and its entities, particularly UNDESA, and other partners. The Government of Tajikistan has established a National Organizing Committee under the leadership of the Prime-Minister.

To facilitate preparation to the Conference, as well as to develop a comprehensive program and outcome documents of the Conference with participation of all categories of water users and decision-makers, an International Advisory Committee was established, comprising representatives of UN agencies, partner countries, international and regional organizations, financial institutions, river basin organizations, NGOs, the private sector and other stakeholders.

A Conference Secretariat was established by the Government of Tajikistan at the Ministry of Foreign Affairs and is jointly staffed in collaboration with the Ministry of Energy and Water Resources. The Conference Secretariat is supported by UNDP as well as other development partners.

VENUE OF THE CONFERENCE

The Conference will be held at the State Complex “Kokhi Somon”. The Forums and Side Events will be held in various locations across the city.

WORKING LANGUAGE

The working languages of the Conference are English, Russian and Tajik. Simultaneous translation will be provided.
# NATIONAL ORGANIZING COMMITTEE

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<th>No</th>
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<tr>
<td></td>
<td><strong>Chairman</strong></td>
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<tr>
<td>1</td>
<td>Mr. Qohir Rasulzoda</td>
<td>Prime Minister of the Republic of Tajikistan</td>
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<td><strong>Vice Chairman</strong></td>
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<td>2</td>
<td>Mr. Sirojiddin Muhriddin</td>
<td>Minister of Foreign Affairs of the Republic of Tajikistan</td>
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<td><strong>Secretary</strong></td>
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<td>3</td>
<td>Mr. Saburzoda Mirzodavlat</td>
<td>Chief of the Department of Agriculture and Environmental Protection of the Executive Office of the President of the Republic of Tajikistan</td>
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<td><strong>Membres</strong></td>
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<td>4</td>
<td>Mr. Juma Daler</td>
<td>Minister of Energy and Water Resources of the Republic of Tajikistan</td>
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<td>Mr. Zavqizoda Zavqi</td>
<td>Minister of Economic Development and Trade of the Republic of Tajikistan</td>
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<td>Mr. Qahhorzoda Fayziddin</td>
<td>Minister of Finance of the Republic of Tajikistan</td>
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<td>Mr. Ashuriyon Muzaffar</td>
<td>Minister of Justice of the Republic of Tajikistan</td>
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<td>8</td>
<td>Mr. Karimzoda Sadi</td>
<td>Minister of Agriculture of the Republic of Tajikistan</td>
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<td>9</td>
<td>Mr. Saidzoda Rahim</td>
<td>Minister of Education and Science of the Republic of Tajikistan</td>
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<td>Mr. Abdullozoda Jamoliddin</td>
<td>Minister of Health and Social Protection of Population of the Republic of Tajikistan</td>
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<td>11</td>
<td>Mr. Sherali Kabir</td>
<td>Minister of Industry and New Technologies of the Republic of Tajikistan</td>
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<td>Mr. Azim Ibrohim</td>
<td>Minister of Transport of the Republic of Tajikistan</td>
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<td>Ms. Davlatzoda Zulfiya</td>
<td>Minister of Culture of the Republic of Tajikistan</td>
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<td>14</td>
<td>Mr. Kholiqzoda Hokim</td>
<td>Chairman of the National Bank of Tajikistan</td>
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<td>15</td>
<td>Mr. Qodirzoda Sadi</td>
<td>Chairman of the State Committee on Investment and Management of State Property of the Republic of Tajikistan</td>
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<td>16</td>
<td>Mr. Nuriddin Said</td>
<td>Chairman of the Committee on Television and Radio under the Government of the Republic of Tajikistan</td>
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<td>17</td>
<td>Mr. Sheralizoda Bahodur</td>
<td>Chairman of the Committee on Environmental Protection under the Government of the Republic of Tajikistan</td>
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<td>18</td>
<td>Mr. Jamshed Kamolov</td>
<td>Chairman of the Committee of Emergency Situations and Civil Defense under the Government of the Republic of Tajikistan</td>
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<td>19</td>
<td>Mr. Nazarzoda Rustam</td>
<td>Chairman of the Committee on Youth, Sports and Tourism under the Government of the Republic of Tajikistan</td>
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<td>20</td>
<td>Mr. Beg Sabur</td>
<td>Head of Communication Services under the Government of the Republic of Tajikistan</td>
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<td>21</td>
<td>Mr. Saidali Siddiq</td>
<td>Director of the National Information Agency of Tajikistan “Khovar”</td>
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# NATIONAL ORGANIZING COMMITTEE

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<td>22</td>
<td>Mr. Holmurod Rahmon</td>
<td>Director of the Agency for Land Reclamation and Irrigation under the</td>
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<td>Government of the Republic of Tajikistan</td>
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<td>23</td>
<td>Mr. Davlatzoda Usmon</td>
<td>Director of SUE “ Housing and Utility ”</td>
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<td>24</td>
<td>Mr. Asozoda Mahmadumar</td>
<td>Chairman of OJSHC “Barqi Tojik”</td>
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<td>25</td>
<td>Mr. Farhod Rakhimi</td>
<td>President of the Academy of Sciences of the Republic of Tajikistan</td>
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<td>Mr. Hayotzoda Firdavs</td>
<td>First Deputy Head of the Executive Office of the President of the</td>
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<td>27</td>
<td>Mr. Parviz Davlatzoda</td>
<td>Head of International Relations Department of the Executive Office of</td>
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<td>the President of the Republic of Tajikistan</td>
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<td>Mr. Rajabiyon Sayfiddin</td>
<td>Head of Department on Management of Authorities Affairs of the</td>
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<td>Mr. Kurbonzoda Isojon</td>
<td>Head of Department on Infrastructure Development of the Executive</td>
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<td>Office of the President of the Republic of Tajikistan</td>
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<td>Mr. Ganizoda Shuhrat</td>
<td>Head of Legal Department of the Executive Office of the President of</td>
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<td>31</td>
<td>Mr. Hoshimzoda Davron</td>
<td>Head of Office Work and Control of the Executive Office of the President</td>
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<td>Mr. Khudoyorzoda Khudoyor</td>
<td>E.d. Head of Financial Department of the Executive Office of the</td>
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<td>President of the Republic of Tajikistan</td>
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<td>33</td>
<td>Mr. Tabarzoda Jamshed</td>
<td>First Deputy Chairman of Dushanbe City</td>
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<td>34</td>
<td>Mr. Jonibek Hikmat</td>
<td>Permanent Representative of the Republic of Tajikistan to the UN</td>
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# INTERNATIONAL ADVISORY COMMITTEE

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<td><strong>Co-Chairs</strong></td>
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<td>1</td>
<td>Mr. Sulton Rahimzoda</td>
<td>Chairman, Executive Committee of the International Fund for Saving the Aral Sea</td>
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<td>Ms. Jennifer Sara</td>
<td>Global Director of the Global Water Practice, World Bank</td>
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<td>3</td>
<td>Mr. Aaron Salzberg</td>
<td>Director of the Water Institute of the University of North Carolina, United States</td>
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<td>4</td>
<td>Mr. Abou Amani</td>
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<td>5</td>
<td>Mr. Ahmet M. Saatç</td>
<td>President, SUEN</td>
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<td>Ms. Alice Bouman-Dentener</td>
<td>Independent Expert, The Netherlands</td>
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<td>7</td>
<td>Mr. Alexander Trepelkov</td>
<td>Officer-in-Charge, Division for Sustainable Development Goals, UNDESA</td>
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<td>8</td>
<td>Ms. Carolina Tornesi Mackinnon</td>
<td>President, World Youth Parliament for Water</td>
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<td>Ms. Danielle Gaillard-Picher</td>
<td>Global Coordinator, Water &amp; Climate Processes, Global Water Partnership</td>
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<td>10</td>
<td>Ms. Diana Iskriev</td>
<td>Executive Director, Earth Forever Foundation</td>
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<td>Ms. Terhi Hakala</td>
<td>Special Representative for Central Asia, European Union</td>
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<td>Mr. Guy Bonvin</td>
<td>Special Envoy for Water in Central Asia, SDC</td>
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<td>Ms. Maggie White</td>
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<td>19</td>
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<td>20</td>
<td>Ms. Mariet Verhoef-Cohen</td>
<td>President, Women for Water Partnership</td>
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<td>Mr. Mark Smith</td>
<td>Director General, IWMI</td>
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<td>Ms. Mercedes Castro</td>
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<td>Dr. Seun Phillips</td>
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<td>Mr. Olcay Unver</td>
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<td>Executive Secretary, 9th World Water Forum, Senegal</td>
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<td>26</td>
<td>Mr. Tony Slatyer</td>
<td>Special Adviser on Water to the Government, Department of Foreign Affairs and Trade, Australia</td>
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<td>27</td>
<td>Mr. Torgny Holmgren</td>
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<td>Mr. Zafar Adeel</td>
<td>Professor of Professional Practice, Pacific Water Research Centre, Simon Fraser University, Canada</td>
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<td>30</td>
<td>Ms. Sasha Koo-Oshima</td>
<td>Deputy Division Director &amp; Head of Water, Food and Agriculture Organization of the United Nations (FAO)</td>
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CONFERENCE MAIN THEMES

Each Conference Forum and Panel Session is designed to support the Conference by deepening our collective understanding of the Water Action Decade and galvanizing action in support of the implementation of water-related SDGs focusing on the same issues as the overall Conference.

Each session is invited to address any or all of the five dimensions of the SDG 6 Global Acceleration Framework as cross-cutting issues: financing, data and information, capacity development, innovation and governance, as well as the interlinkages between accelerating SDG 6 and other water-related SDGs, between the Water Action Decade and other relevant decades.

Organizers, speakers and participants are also invited to take into consideration the objectives of the Water Action Decade, such as enhanced coordination and inclusiveness, access to and adequacy of knowledge, water use efficiency across the SDGs, establishment and promotion of innovative partnerships and full participation of stakeholders. In this regard, session organizers were requested to build on the results and recommendations emerging from the First Dushanbe Water Action Decade Conference.

The outcomes of the Forums and Panels will be presented during the Plenary Session of the Conference and consolidated into the final report of the Conference, made available on the Conference website and circulated widely.

CONFERENCE FORUMS

The Conference is based on a multi-stakeholder approach that brings together different actors from water, finance, energy, industry, health, education, urban planning and agriculture sectors, including climate and environment practitioners. By involving a wider range of stakeholders, communities and major groups in the process to discuss the ways of achieving SDG 6 and other water-related goals, the event seeks to gather ideas and best practices, focusing on advocacy, networking and promoting partnerships and action on the implementation of water-related solutions at all levels.

To support this goal, the Conference will include a number of regional and major groups forums to support these intersectoral discussions:

- Central Asia Forum “Water for Regional Cooperation”
- Women Water Forum
- Youth and Children Water Forum
- Forum on Water and Local Communities and Indigenous Peoples
- Forum on Water and Mountains towards Sustainable Development

The objective of each individual Forum within the Conference is to create a platform for broader discussion of water-related issues among stakeholders aligned around a shared interest or region, but in a narrower geographical or social context.

These Forums will involve different types of stakeholders, including women, youth, local authorities, professional groups, scholars, private sector and others in the implementation of the water agenda with a focus on reviewing the evidence on best practices and catalysing water actions and partnerships at the local, national, regional and global level. Deliberations on findings and solutions will contribute to the theme of the Conference and address the 2030 Agenda for Sustainable Development, including SDG 6.

CENTRAL ASIA FORUM “WATER FOR REGIONAL COOPERATION”

The proposed Forum is organized following a strong call for “a dialogue platform to discuss urgent issues of regional cooperation” initiated at the summit of Central Asian heads of state convened in Nur-Sultan (Kazakhstan) in March 2018, and follow-up meetings in Tashkent (Uzbekistan) in November 2019 and Avaza (Turkmenistan) in August 2021, where water, energy, and environment were amongst the key areas highlighted for cooperation. The Forum is organized as part of the Second Dushanbe Water Action Decade Conference to be held in Dushanbe on June 6-9, 2022, with the objective to provide a platform for stakeholders in the Central Asia region to contribute
to broader discussion of water-related issues in order to catalyze water action and partnerships at the regional level. The Forum will provide an opportunity for participants to reflect on the outcomes of the First Dushanbe Water Action Decade Conference in their narrow context. Reflections, recommendations and commitments derived in the discussions of the Forum will be linked to the overall agenda and themes of the Dushanbe Conference and will be presented at the Plenary session of the Conference.

To date the International Fund for saving the Aral Sea (IFAS) remains the only formal intergovernmental organization limited to the five countries of Central Asia. IFAS was established in the early 1990s with the support of international donors including the World Bank following an agreement amongst the newly independent Central Asia states to share and distribute water in accordance with the principles of equality and shared benefit. An Interstate Commission for the Aral Sea (ICAS) was established at the same time to oversee an Aral Sea Basin Program (ASBP). In 1997 IFAS and ICAS were merged. A succession of three ASBP phases has seen important progress but the countries are yet to agree on a vision for regional water cooperation, and it is increasing clear that existing water sharing arrangements do not equally share benefits and that climate change will exacerbate the situation. In recent years a consensus has emerged that IFAS governance and institutions are overdue for reform to improve efficiency and effectiveness, and IFAS has embarked on a structured reform process with development partners’ support. In 2001, a joint decision of the five countries (and the EU and UNDP) led to the establishment of the Regional Environmental Centre for Central Asia (CAREC) – an independent, non-political organization to assist Central Asian governments and key stakeholders address environmental and sustainability challenges, through dialogue and knowledge collaboration. IFAS and CAREC work synergistically on water issues to progress cooperation.

Multiple development partners have been supporting efforts to improve regional water (and energy and environmental) cooperation, and a loose coalition of partners has evolved to better coordinate these efforts amongst partners and with governments. This coalition meets regularly to share programmatic updates and new knowledge and regional intelligence, and to coordinate their respective activities. The proposed Forum will provide an opportunity to showcase and further these ongoing efforts on regional water cooperation and coordination, and to engage directly with representatives of country governments, and key stakeholders including relevant NGOs, academia, private sector organizations, and young water professionals in discussion of the main themes of the Conference structured along the domains of water for health, water for economy and livelihoods and water for environment and climate resilience, in line with the overall structure of the Conference. As described in the Conference Concept Note, the Forum will address the five dimensions of the SDG 6 Global Acceleration Framework as cross-cutting issues: financing, data and information, capacity development, innovation and governance.

Organization of the Central Asia Forum within the second Dushanbe Water Decade Conference has been supported by IFAS Board members in their meeting on 22 February 2022 through adoption of the special resolution. Due to this resolution the Executive Committee of IFAS, with the involvement of interested ministries and agencies of the member-states, development partners, has been entrusted to organize the Forum on the highest possible level as well as ensure the active participation of the IFAS sub entities in the Second International High-Level Conference on the International Decade for Action «Water for Sustainable Development», 2018-2028.

**WOMEN WATER FORUM**

Since 2013, the Women Water Forum is an intrinsic part of the International High Level Dushanbe Water Conferences for the United Nations Water Action Decades, respectively the Water for Life Decade 2005 – 2015 and the current Water for Sustainable Development Decade 2018 – 2028. A primary objective of these women’s forums is to ensure gender sensitivity and women inclusiveness of the Dushanbe Process. At the same time, the Women Water Forum provides a platform for the Major Group Women in all its diversity to contribute to the accelerated implementation of appropriate water solutions for equitable and sustainable development solutions.
The 2018 Women Water Forum ‘Bridging Voices to Action’ marked the starting point of a transformative action-oriented SDG5 – SDG6 process. During the Water for Sustainable Development Decade, the ‘Bridging Voices to Action’ movement will see the progressive development of conditions for collective action in this domain. The consecutive Dushanbe women water forums provide critical moments of reflection: to report progress on what, to strengthen existing and forge new partnerships, to exchange and discuss success and failure factors, and to address gaps and emerging issues. In between these meetings is where the participants in the ‘Bridging Voices to Action’ process work at different levels to deliver on their commitments.

UN Women 2021 SDGs progress report underlined “that in 2020, only 26 per cent of 170 countries were actively pursuing gender mainstreaming in water resources management. While 24 per cent had made some progress, 50 per cent had made few or no advances in achieving gender objectives. One reason for limited progress is a lack of earmarked funds and actionable plans that prioritize gender considerations”. Also, while 82 per cent of 104 countries have procedures for user/community participation, only 45 per cent have specific policies for women’s participation. Similarly, only 22 per cent have high levels of women’s participation in policy and management processes, meaning women are formally represented or regularly consulted in these processes.

A core objective of the Dushanbe Women Water Forum is to jointly identify and elaborate science-based solutions and actions that effectively address the needs of women and their communities and that root in the gender reality on the ground from LNOB approach. To this extend, a A Community of Practice for “Science and Knowledge based Solutions for Gender-sensitive and Women-inclusive Water Action” will be launched, which will further support the process.

YOUTH AND CHILDREN WATER FORUM

Access to safe water, sanitation and hygiene (WASH) is not only fundamental for stable, equitable and prosperous societies, but it is also a basic human right. This right is enshrined in global development priorities, including the Sustainable Development Goals. The Government of Tajikistan has played a leading role on the global stage to convene and mobilize UN member states around the right to water, sanitation and hygiene for all.

The work undertaken with and by youth is crucial to raise ambition of governments to tackle the effects of climate change on water. Tackling climate change requires concerted coordinated government action as well as conscious and informed efforts by individuals. Therefore, it is essential to strengthen both formal and informal education on climate change and viable lifestyles. In addition, sustainable production and consumption patterns must be promoted and youth supported as environmental champions in their local communities.

Partnership development between governments, intergovernmental, non-governmental and youth organizations for joint environmental initiatives need to aim at building the capacity of youth as future leaders and driving forces to manage challenges of present and future.

Considerable efforts are also needed in strengthening the adaptive capability and resilience of youth in rural communities in developing countries.

On 6-9 June 2022, and in the context of the International Decade for Action “Water for Sustainable Development, 2018-2028”, the Republic of Tajikistan will for the second time host a high-level event with the focus on partnership at the local, national, regional and global levels to catalyze action towards achieving the SDG targets on WASH.

There is a high degree of interest by the Government of Tajikistan to highlight the importance of water and sanitation for children (and mothers). UNICEF Tajikistan is therefore committed to supporting the government in the preparation and implementation of this aspect of the conference. UNICEF, in collaboration with the
Government of Tajikistan, will play a crucial role in mobilizing children and young people from Tajikistan and across the world, giving them a platform for vocalizing the impact of access to safe WASH on their lives and their futures.

FORUM ON WATER AND LOCAL COMMUNITIES AND INDIGENOUS PEOPLES

The 2023 UN Conference on Water, with the June 2022 Dushanbe High-Level International Conference as one of its main preparatory events, aim for an inclusive process. The voice of ‘major groups’ – and not least from indigenous peoples and local communities around the world – is critical for achieving this objective of inclusiveness.

Among the major groups, indigenous peoples have a special role and have assumed far-reaching responsibilities in biodiversity conservation and ecosystem stewardship in keeping with their own long-standing relationships to the territories and places within which they live and govern. WWF et al (2021) found that 32% (43.5 million km²) of global land and associated inland waters is owned or governed by Indigenous Peoples and Local Communities, either through legal or customarily held means. Many of these places are rich in biodiversity and supply globally important ecosystem services and have achieved this because of their local indigenous governance. A recent FAO/FILAC report on forest governance in Latin America establishes that deforestation rates are significantly lower in indigenous and tribal territories compared to where governments have formally recognized collective land rights.

The Forum welcomes Indigenous Peoples to help make (mainstream) water and land management more effective in protecting vital ecosystems and their importance for water security and climate change mitigation and adaptation whilst recognizing their aspirations and helps build a platform for better understanding of their relationships to their local waters and the association obligations thereof.

Given Indigenous Peoples’ and many local communities’ insufficient access to global policy platforms and deliberations, the Forum welcomes creative ideas for more equitable and inclusive participation of the people of the planet at the 2023 United Nations Conference on Water.

Indigenous Peoples and many local communities have important and long-standing connections with their local water bodies. Depending on these for food and sustenance, they have developed substantive local ecological knowledge, institutions, and technologies in relation to managing these water bodies. Despite such connections, and dependencies, local communities are often absent in global policy making forums and it is often difficult to get their views. As the impact of climate change deepens, it is increasingly critical to reach these communities; especially as their understanding about water and the environment can offer a more contextualized perspective.

FORUM ON WATER AND MOUNTAINS TOWARDS SUSTAINABLE DEVELOPMENT

The UN General Assembly Resolution A/RES/71/234 (Dec 2016) on Sustainable Mountain Development has recognized “that mountains provide sensitive indications of climate change through phenomena such as modifications to biological diversity, the retreat of mountain glaciers, flash floods and changes in seasonal runoff, which are having an impact on major sources of freshwater in the world, and stresses the need to undertake actions to minimize the negative effects of these phenomena, promote adaptation measures and prevent the loss of biological diversity.” As a result, the Resolution “encourages all relevant entities of the United Nations system, within their respective mandates, to further enhance their constructive efforts to strengthen inter-agency collaboration to promote sustainable mountain development.”

The recently released IPCC’s Working Group I Report the Physical Science Basis of the sixth Assessment report (August 2021) highlights that mountain and polar glaciers have been melting and retreating for decades and permafrost thaw is irreversible at centennial timescales. The IPCC report also emphasizes that “climate change is intensifying the water cycle” which will bring more associated flooding and drought in many regions. The rising global temperatures are causing unprecedented changes in the Earth’s
cryosphere including changes in ice and snow in the polar and high mountain regions of the globe with ramifications that extend well beyond the areas where snow and ice are present.

Mountains provide vital resources to a significant proportion of the global population and are often called nature’s water towers of the world. People and industries in lowland areas also benefit from mountains, while the ecosystem services form the basis of most mountain livelihoods. Mountains supply more than half of humanity with water for drinking, irrigation, industry, food and energy production. Mountains are also among the most sensitive regions to climate change. Their glaciers and ecosystems provide with some of the clearest indicators of this global phenomenon. Moreover, mountain ecosystems regulate climate, air quality, and water flow. However, despite providing such an unprecedented abundance of ecosystem services, mountains remain among the poorest documented ecosystems in this regard. They contribute to protection against natural hazards and the impacts of extreme events, such as floods, droughts. Global climate change is accelerating glacier retreat in many regions worldwide, including in Central Asia, which will have significant effects on the populations in mountain areas, as well as to the large populations downstream. The need for a worldwide inventory of existing perennial ice and snow masses was first considered during the International Hydrological Decade, declared by UNESCO for 1965-1974. More than a century later, there remain deep gaps in monitoring the glacier system in all mountainous regions.

Achieving and maintaining water security is increasingly challenging under current climatic variability and projected climate change, especially in vulnerable areas such as mountainous and arid regions. This event will highlight case studies from the major high mountain regions, including from Central Asia, and climate change influence on the changing cryosphere, and its impact to the populations, including the most vulnerable.

This event supports the decade’s process through various formats of the stakeholder presentations and discussions, highlighting frontiers, opportunities and gaps in research, education and cooperation on mountains, cryosphere and water sector. It will bring together researchers, practitioners, policy and decision makers, government representatives of multiple levels, youth and young men and women researchers and development partners from major mountain region of the world including from Central Asia, working in water-related sectors to share knowledge, best practices and ideas for a sustainable water resources management with focus on mountains, and in line with the Water Decade. The event will be built on the ongoing partnership efforts towards the common goal for better achievement of SDG 6 and will be focused largely on the follow-up of the recommendations made during the pre-forum on Water and Climate Dialogue, organised by the same partners at the occasion of the 2018 High Level Conference on Water Decade in Dushanbe. This will be also a contribution to 9th Phase of UNESCO Intergovernmental Hydrological Programme (IHP IX, 2022-2029) “Science for a Water Secure World in a Changing Environment. The forum will contribute comprehensively and more specifically to the SDG 6 and will strengthen the linkages with the SDGs 13, SDG 11.5, SDG 15, SDG 17 and others.

THEMATIC AND INTERACTIVE PANELS

The Second Dushanbe Water Action Decade Conference includes twelve Thematic and Interactive Panels. The Panels will focus on SDG 6, other water related goals, the goals of the Water Action Decade and the areas on means of implementation. The Panels are co-organized by partners of the Dushanbe Water Process, including Member States, United Nations agencies and programs, other international and regional organizations, international financial institutions, other development partners, private companies, as well as academia and nongovernmental organizations. As a general rule, each Panel is co-organized by two partners. They cover the following issues:

Three Thematic Panels on Water for Health and People (WHP):

- Increasing water-health nexus for responding to the challenges of the post-COVID world (WHP1)
- Accelerating access to safe water supply, sanitation and hygiene (WASH) conditions, leaving no one behind (WHP2)
- Advancing water sustainability in urban and rural areas (WHP3)
Three Thematic Panels on Water for Livelihoods and Inclusive Economic Growth (WEG):
- Promoting integrated water resources management, water efficiency and valuing water (WEG1)
- Transboundary water cooperation for inclusive economic growth and sustainability (WEG2)
- Accelerating the water-energy-food nexus in post-COVID recovery (WEG3)

Three Thematic Panels on Water, Environment and Climate Resilience (WEC):
- Promoting nature-based water solutions, water quality and ecosystems (WEC1)
- Resilient infrastructure and disaster risk reduction (WEC2)
- Water resources and climate: reinforcing the interlinkages (WEC3)

Three Interactive Panels on Education, Technology, Awareness and Knowledge (ETAK):
- Promoting science-based water solutions, tools and technology (ETAK1)
- Moving out of water box and promoting integration at all levels (ETAK2)
- Improving knowledge, education and communication (ETAK3)

The outcomes of the Panels will be presented at the Closing Session. They will also be reflected in the outcome documents of the Second Dushanbe Water Action Decade Conference.

THEMATIC PANEL WHP 1: INCREASING WATER-HEALTH NEXUS FOR RESPONDING TO THE CHALLENGES OF THE POST-COVID WORLD

COVID-19 has exposed the fragility of health systems around the world and has left devastating consequences in the Least Developed Countries as health systems continue to face the challenge of coping with the numbers of people infected with the virus, other ongoing epidemics (e.g. cholera, malaria, dengue as well as delivery of basic health services. Moreover, these countries do not have adequate resources, both financial and human to cope with the unintended consequences of restricted movements aimed at containing the spread of the virus as well as health care waste volumes which have increased in some countries ten-fold. Pre-existing conditions such as epidemics like Ebola, cholera (which all require adequate WASH services), the high prevalence of malaria, high poverty levels, lack of WASH services in health care facilities, deteriorating security situations, malnutrition, and weak governance, all make countries even more susceptible to the devastating effects of COVID-19.

WASH services are intrinsically linked to quality improvement efforts in health care facilities. The scarcity of WASH services is still a significant contributor to maternal infections and deaths globally. They are also critical for achieving several health aims such, maternal and newborn health, and quality universal health coverage (UHC) and infection prevention and control (IPC). WASH services further strengthen health systems to prevent disease outbreaks, and to effectively respond to emergencies.

Healthcare facilities (HCFs) play a vital role in maternal and child health from assistance with birth to provision of preventive health measures as well as curative outpatient and in-patient care for all patients. Water is required for cleaning, washing and other purposes and cleaning supplies are all vital for cleaning and disinfection purposes. Hand hygiene, long known to be one of the most effective measures to stopping transmission of infections, is one of the major actions that patients and health care workers can take to curb infections. Many infections (including antimicrobial resistant infections) can be prevented through proper hygiene practiced by healthcare facility workers, which can only be practiced where there is a functioning WASH infrastructure. While the importance of WASH services, particularly hand hygiene, is recognized in the fight against infections, these services are lacking or inadequate in most of the Less Developed Countries (LDCs). The WHO/UNICEF Joint Monitoring Programme baseline updates published in the Global Progress Report on WASH in HCFs shows that one out of three HCFs globally do not have what is needed to clean hands, one out of four HCFs lacked basic water or had unimproved water sources and 10% had no sanitation services. When it comes to waste management in LCDs, 2 in 3 facilities lack basic waste management. Globally 1 in 3 facilities do not segregate.
THEMATIC PANEL WHP 2:
ACCELERATING ACCESS TO SAFE WASH CONDITIONS, LEAVING NO ONE BEHIND

We are making progress. The recently released WHO and UNICEF Joint Monitoring Program Report notes that since 2015 the global population using basic water services as increased from 88 to 91 per cent, and those using safely managed drinking water has increased from 70 per cent to 74 per cent. In the same period, the proportion of the global population using safely managed sanitation services has grown from 47 per cent to 54 per cent. The population with handwashing facilities with soap and water has increased from 67 per cent to 71 per cent. In other words, people are moving up the ladder, though it is estimated that achieving SDG WASH targets by 2030 will require a quadrupling of current rates of progress.

But not everyone is moving up the ladder at the same rate. There are significant gaps and inequalities, and many are being left behind. Almost 800 million people worldwide still live without access to even a basic level of water supply service, 80 per cent of whom are rural dwellers. Over 120 million people still rely on surface water, drinking water directly from a pond, stream, or irrigation canal. Likewise, 1.7 billion people lack even basic sanitation, of which almost 500 million practice open defecation, and again the vast majority are in rural areas. Coverage rates are low in the countries categorized as least developed, and particularly low in sub-Saharan Africa, where only a two-thirds of the population uses a water supply service that is basic or better, and only a third uses at least basic sanitation facilities. In 2020, sub-Saharan Africa accounted for half of the global population without basic drinking water services. Huge disparities exist between rural and urban areas, between countries and regions, as well as within communities, where inequalities exist based on gender, disability, and ethnicity.

Addressing the WASH needs of those who have been left behind is our most pressing challenge. This will require technical skills, financial resources, and the political will to create the enabling environment for success. We need new momentum to ensure that the unserved can gain access to at least basic services on an urgent basis, and to set a course for everyone to have safely managed services. Only then will the SDGs be achieved, and the human right to water and sanitation be realized.

THEMATIC PANEL WHP 3:
ADVANCING WATER SUSTAINABILITY IN URBAN AND RURAL AREAS

Today’s world houses over 7.5 billion people, out of which 785 million lack access to basic drinking water and 2 billion use contaminated drinking water sources. Furthermore, 4.2 billion people lack access to safely managed sanitation services as the intersection between urbanization, climate change and globalization continues to put a strain on water and sanitation services. Sustainable water supply and sanitation services is at the core of SDG 6: Clean Water and Sanitation for all. In the context of an increasingly thirsty world, providers of water services are playing a key role in ensuring safe, reliable and sustainable water supply and sanitation services in order to comply with the SDGs.

Utilities and water service providers face several challenges in fulfilling their mandate of providing safe water and sanitation for all. This includes common obstacles such as not being able to provide the service to a growing population; hurdles in recovering operational costs; and the inability to recover from external shocks and stresses such as climate change-induced events or other risks such as COVID-19. The difficulty in rising to such challenges stems from inefficiencies across all five key pillars of utility management: commercial, technical, financial, human resources and organization and strategy. For many utilities, building infrastructure is the first solution to address these problems. Large amounts of money are spent on infrastructure, but many service providers neglect to properly operate and maintain it, which eventually results in the infrastructure becoming dilapidated, obsolete and in need of replacing. Thus, many utilities are often stuck in a costly build-neglect-rebuild cycle. Furthermore, the sector is seeing many more innovative practices, such as the availability of new technologies and new approaches for increasing gender inclusion, transparency and accountability. However, utility staff is not being exposed to such
innovative approaches and best-fit practices, which results in the inability to implement them. Currently, many utilities cannot keep up with the evolution of the sector, and it hampers their ability to leapfrog to desired performance levels.

In this scenario, it seems that utilities and service providers are on their own in the task of supplying water and sanitation, as well as improving their performance, reducing costs, being efficient, and operate and being sustainable in the long term. Therefore, it is important to collectively define mechanisms to boost the improvement and transformation of utilities and service providers incorporating Policies, Institutions and Regulation (PIR) to the utilities’ efficiency equation through to define tariff and subsidy mechanisms that allow cost recovery as an essential axis of the utilities’ financial sustainability; and work hand in hand with governments and academia to create a competitive and interesting environment to attract and retain young talent to bring new perspectives, ideas, and practices to the sector.

THEMATIC PANEL WEG 1: PROMOTING IWRM, WATER EFFICIENCY AND VALUING WATER

Given water’s cross-cutting nature to every facet of human activity on earth, achieving Integrated Water Resources Management (IWRM), encapsulated in SDG target 6.5, is a core approach towards not just the water-related SDGs, but also the goals of the Paris Agreement, the Sendai Framework for Disaster Risk Reduction and the post-2020 Global Biodiversity Framework. The growing impact of climate change on water resources, both surface and groundwater, further highlights the need for integrated solutions that can support both mitigation and adaptation to climate change. Yet despite this need for integration, we are far from achieving our 2030 objectives, as evidenced by the progress on SDG target 6.5, which in 2020 was at 54% achievement worldwide, and on which progress would need to at least double to reach the 2030 target. The lack of integrated water resources management is also negatively affecting progress on water-use efficiency and quality management, which in turn relate to other SDG targets such as those related to ending hunger, life on land and climate action.

In March 2018, the High-Level Panel on Water (HLPW) called for “an integrated agenda at the local, country and regional levels”, while also calling for the use of the HLPW Principles on Valuing Water. Since water is typically valued within the water community, and since many decisions made outside the water community affect the quality and quantity of water resources through their everyday actions, it stands to bear that the value of water for non-water actors should be highlighted, in order to promote a more efficient and less polluting use, in a way that also meets those actors’ stated objectives. That implies that water is not just valued for its economic value, but also its spiritual, cultural, therapeutic and other contributions to society, including the sustainability of ecosystems which provide irreplaceable water-related services to society and our economy. Valuing water is not a belief, it is an action, which should be mainstreamed into decision-making outside the “water box”. However, despite some promising progress, this mainstreaming is not currently taking place at the scale required.

The objective of this panel is to enhance the understanding of some of the underlying reasons why water is undervalued and why the established approach to achieve integration (IWRM) is not being achieved globally, as well as allowing for the identification of pathways and the generation of shared commitment towards systematically overcoming these obstacles, to boost sustainable development, with water as a connector and accelerator. To do so, this panel will provide a platform to share some positive experiences of applying the valuing water principles and examples in terms of integration around water, bringing in fresh perspectives of stakeholders who have implemented IWRM in line with other SDG targets, which show that achieving multiple objectives is not a zero-sum game.
THEMATIC PANEL WEG 2: TRANSBOUNDARY WATER COOPERATION FOR ECONOMIC GROWTH AND SUSTAINABILITY

At last count, more than 300 river and lake basins and over 450 aquifers are known to be shared by two or more countries and support more than 40% of the world’s population. These systems are coming under increasing pressure from population growth, pollution, mismanagement, and climate change. To ensure conflict prevention and sustain long-lasting economic growth, countries will need to work closely to optimize the benefits and decrease the risks from these shared systems equitably across all stakeholders. These are not easy problems to solve. In many cases, these basins involve complex interactions between surface and groundwater systems which need to be better understood, are strongly coupled to food and energy security, and can touch on regional relations and economic growth.

The second monitoring of the SDG indicator 6.5.2 reports that only 24 of the 153 riparian countries sharing transboundary water have operational arrangements for water cooperation across all their shared waters. Ensuring cooperative management of shared water resources at the basin level is critical to ensuring food, energy, and water security; responding to the impacts of climate (including resiliency to and mitigation of both floods and droughts); reducing migratory pressures; promoting regional integration and development, peace, and security.

The goal of this session is to identify concrete actions to promote cooperation on shared waters in support of national efforts to reach the SDG targets by 2030. The session will review the current state of cooperation on shared waters, identify barriers and tools to strengthen cooperation and to foster the engagement of stakeholders at all levels, identify specific steps national governments can take to build capacity, to improve data collection, management, and collaborative modelling and planning, as entry points for technical and scientific collaboration and decision-making, and showcase examples of effective transboundary cooperation from Central Asia and beyond, and explore steps to strengthen governance of shared waters and actions to encourage the adoption of good practices including those consistent with international norms.

THEMATIC PANEL WEG 3: ACCELERATING THE WATER-ENERGY-FOOD NEXUS IN POST-COVID RECOVERY

Agriculture is the largest user of the world’s freshwater resources, and more than one-quarter of the energy used globally is expended on food production and supply (FAO, 2019). Projections estimate that by 2050, more than 9 billion people will need to be fed, which will require a 60 percent increase in food production if the current production and consumption trends remain. Even with improvements in water productivity, achieving the dramatic augmentations in food production will require additional water resources. Yet, water is also required to satisfy growing domestic, industrial and urban water demand, accentuated by affluence-driven diet changes and economic development. Energy demands, and water requirements embedded therein, are also increasing to support industrialization and electrification. At the same time, the Covid-19 pandemic and increasing impacts of climate change have shown that the resilience of our socioeconomic systems highly depends on healthy natural environments and ecosystems. Business-as-usual practices that involve high greenhouse gas emissions and put great pressure on biodiversity can no longer be an option for the future.

In this context, understanding and harnessing the potential of the water-energy-food-ecosystem (WEFE) nexus is key to reconciling these often-competing objectives and attaining sustainable development. WEFE has indeed emerged as a powerful concept to describe and address the complex and interrelated nature of global resource systems needed for humankind to achieve social, economic and environmental goals. The WEFE approach integrates across all sectors and its holistic vision of sustainability aims to attain a balance between the different goals, interests and needs of people and the environment.

WEFE approaches are not without challenges, however, as the transition from concept to practice may not always evolve naturally. Further, coherent policy-relevant data and information to guide water allocation choices may not always be readily available. Effective cross-sectoral consultation mechanisms are also needed on local, national, but also global level to ensure the development of concerted efforts. This
session focuses on ways to overcome these challenges, and barriers that are hampering the implementation of the WEFE Nexus by focusing on needed political settings and a set of practical case studies.

The objectives are to discuss the alternatives to support an increase in data collection to assess WEFE and address existing barriers through multi-stakeholder dialogues, enhance the understanding of the complex interlinkages between water-energy-food and ecosystems to advocate for coherent policymaking at global, regional/transboundary, national and local level, discuss the opportunities for implementation of WEFE approaches in post-Covid recovery and to support climate mitigation and adaptation actions, raise awareness of governments to address water scarcity issues in all sectors by using a WEFE approach, present the Bonn Key Messages resulting from the Bonn Water Dialogues as an example for accelerating cross-sectoral implementation of SDG 6, prepare recommendations to advocate for WEFE approaches in upcoming meetings of the United Nations including the UN Water Conference, 22-24 March 2023.

THEMATIC PANEL WEC 1: PROMOTING NATURE-BASED WATER SOLUTIONS, WATER QUALITY AND ECOSYSTEMS

The global demand for water has been increasing at a rate of about 1% per year over the past decades as a function of population growth, economic development and changing consumption patterns, among other factors. While there are some signs of decoupling, water demand is expected to continue to grow in the foreseeable future. At the same time, the global water cycle is intensifying due to climate change, with wet regions generally becoming wetter and arid regions becoming even drier. Other global changes (e.g., urbanization, biodiversity loss, changes in the water cycle or nutrient cycles, alterations of landscapes) add to these challenges.

Nature based solutions (NBS), which use or mimic natural processes to enhance water availability, improve water quality, and reduce risks associated with water-related disasters and climate change have been successfully applied in both urban and rural landscapes, by public and private actors. The invaluable contribution of nature-based solutions has also been increasingly recognized by global agreements including Agenda 2030, the Paris Agreement on Climate Change and the 2030 Global Biodiversity Framework. Yet, the slow uptake of nature-based solutions, points to the need for greater cross-sectoral integration to leverage its manifold benefits.

This session will focus on the strategic use of nature-based solutions to not only restore ecosystem services, but to actively leverage nature to complement engineering solutions to improve the management of water resources. With NBS’ flexibility to achieve a range of benefits, grey-green-blue solutions are strategic choices for dealing with an ever-changing, ever more complex environment and relation to socio-economic demands and needs. The session will highlight the modalities for planning and institutionalizing such natural/blended infrastructure and management practices. In this context, panelists will also address the bottlenecks impeding the adoption of NBS, including institutional path dependency, policy, planning frameworks and financial mechanisms.

THEMATIC PANEL WEC 2: RESILIENT INFRASTRUCTURE AND DISASTER RISK REDUCTION

Water is life. Water is also a threat to life. The toll of water-related disasters such as floods and droughts in lives and livelihoods has been immense, along with many other damaging short-term and long-term social and economic impacts. Climate change is impacting us in severe forms before our eyes. 80% of Climate Change are felt through water, particularly through water-related disasters. Unless action is taken soon, the combined effects of extreme water phenomena, climate change, growing populations and urbanization will negatively affect society and economy in many regions, spur migrations, and spark conflicts.

COVID-19 has cast a blight onto the world. Its impact is felt by everybody, every day, in every corner of the earth. The introduction and dissemination of vaccines have initiated a likely process of abating the pandemic. Actions for health, as well as economic and social recovery have partially started. However, the next pandemic and/or disasters will hit humanity even harder if we have not learnt the lessons and improved
our societies to be more resilient to changes and disturbances. Co-occurring disasters and COVID-19 are imminent threats to many, particularly to vulnerable and deprived people.

Recovery from the COVID-19 pandemic requires transformation into quality-oriented societies that are resilient, sustainable, and inclusive, which can be achieved by strengthening action for water sustainability. This transformation should proceed through multi-stakeholder partnership with participatory, open, collaborative, and transparent processes. Resilience involves efforts for reducing water-related disaster risks on a cross-sectoral, whole-of-river basin and aquifer basis. Improving water security and access to water and sanitation by resilient water infrastructure is a must for lives and livelihood for human beings including for primary public health measure against infectious diseases.

With these in mind, Session on Resilient Infrastructure and DRR will be organized to discuss the transformative role resilient infrastructure and DRR should play towards full achievement of SDGs and building resilient, sustainable and inclusive post-corona society. Concrete ways for improving governance, finance and applying science and technology in integrated manners at local, national and global levels as presented in all of the nine thematic sessions towards the end will be the core subject of the discussion and outcome of the Session. Ways to closely link not only concept/discussion but concrete actions among Sendai Framework, water-related SDGs, and Paris Agreement will be identified.

**THEMATICAL PANEL WEC 3: WATER RESOURCES AND CLIMATE: REINFORCING THE INTERLINKAGES**

The IPCC’s Sixth Assessment Report (2021) states as “unequivocal that human influence has warmed the atmosphere, ocean and land” – which is a “code red for humanity” according to UN Secretary-General António Guterres. The urgency of actions to address the interconnected global challenges of climate change, biodiversity loss and the water crisis in order to decrease climate-related risks and strengthen resilience to climate change, particularly climate extreme events, became clearer. The alarm bells are ringing louder and louder – the rate of greenhouse gas emissions is continuing to grow with little sign of reduction, and with ever worsening consequences for people and nature. Since climate change manifests itself primarily through changes in the water cycle (droughts, floods, sea-level rise, heavy storms, unpredictable weather patterns), climate resilient water management offers a suite of solutions for both mitigation and adaptation. It incorporates a wide range of economic sectors, ecosystems, and social well-being and services. Transformative solutions that contribute both to mitigation and adaptation are needed throughout society, integrating different sectors and stakeholders. Such initiatives could be seen emerging from COP26 in the form of the Glasgow Climate Pact for Adaptation or the deforestation and methane reduction pledges. Some countries are also providing excellent examples of ambitious and broad integration of water within their Nationally Determined Commitments and Adaptation Plans.

Climate resilient water management is about being able to adjust to, anticipate and transform in the face of climate and non-climatic shocks (such as pandemics), stressors, and opportunities. Water resilience is typically implemented through robustness (planning and designing for a range of plausible futures), flexibility (the ability to avoid institutional and technological traps), or a combination of the two strategies.

The transformation towards policies to improve water resilience poses major challenges for society and for national and local governments and stakeholders. It needs to be incorporated in national and local plans and programmes of action, where major obstacles for policy implementation are identified. To be successful, planning and implementation needs to be supported with financial resources, data and knowledge development, addressing the governance and institutional changes that need to take place to implement flexible and robust solutions.

Anticipating climate change variation on the long-term water cycle (i.e. water availability) requires robust data sets on glaciers and on the cryosphere, particularly in high mountainous ranges serving arid regions, like in Central Asia. Data sets on water storage, aquifers and usage are equally important to inform sustainable adaptation strategies on climate change impacts, including droughts and floods.
INTERACTIVE PANEL ETAK 1: IMPROVING KNOWLEDGE, EDUCATION, AND COMMUNICATION

We cannot manage what we do not know, and we act effectively when the different stakeholders and knowledge holders are adequately resourced and with capacity. This statement forms the premise for the proposed session, which will provide a platform to discuss the requisite actions and promising practices demonstrated to enhance water and water-related climate knowledge co-generation and synthesis, knowledge dissemination and education, and capacity towards more equitable and sustainable water resources management and access.

Knowledge generation is critical, especially given uncertainties around the expected state of global water futures. However, while tools and accessible data repositories are important contributions to knowledge generation, we often forget to invest in the enabling factors to be able to collect, analyze, synthesize and share data and information across knowledge systems in order to move towards evidence-informed decision-making and solutions. Specific capacity needs within the water sector and within supporting sectors, governments, and the public, include: general water and data literacy; stakeholder and rightsholder engagement and conflict avoidance; understanding water governance and common pool resources regimes, the interpretation and application of prediction tools; participatory approaches to policy development and implementation; monitoring and data sharing processes; curricula development; and, technical capacity in modeling and prediction, water efficiency (agriculture and manufacturing), infrastructure, and pollution abatement (Schuster-Wallace & Sandford, 2015. Water in the World We Want, UNU INWEH).

Ultimately, we need to invest in knowledge, education, and capacities that build bridges in the interest of more timely data and research breakthroughs and their dissemination to water-related professionals and all stakeholders and rightsholders towards urgent action to achieving water-related SDG targets.

INTERACTIVE PANEL ETAK 2: MOVING OUT OF THE WATER BOX AND PROMOTING INTEGRATION AT ALL LEVELS

From food (nutrition) and energy security through to decent work, cities and rural development, transport, mining to human and environmental health, sustainable property rights – good water management sustains and improves livelihoods, social wellbeing, equality and inclusive growth. Water is integral to fulfilling the 2030 Agenda, as well as other global processes, such as the Paris Agreement, the Sendai Framework, the New Urban Agenda, the Addis Ababa Action Agenda and the Action Statement from the UN Food Systems Summit 2021. That the world is currently falling behind on these global processes can partly be attributed to the lack of cross-sectorial, integrated and transformative approaches. Water management has an important role to play in contributing to such integrated approaches. But also, solutions for water problems can come from outside the water sector or find their reason as impact by actions of other sectors. Understanding and addressing water implications, needs, trade-offs and co-benefits enable decision makers from different sectors to become more resilient to water security and climate change.

Given the cross-cutting importance of water, it is crucial for the water community to reach out beyond its sector and engage with actors and processes in other areas in a way that highlights how water contributes to the goals and pursuits of those sectors, actors, and processes. Decision-makers in all areas need to give due consideration to the water implications of their plans, in order to make them implementable in a sustainable manner without hindering other societal, economic and environmental needs that are water dependent and subject to climate change.

There is no reason to re-invent the wheel to do this. There are numerous standards and tools available that guide decision makers in different sectors towards improved water governance and thus better water outcomes, for example water stewardship standards, ISO standards, international trade rules and frameworks for inclusion of water and/or ecosystems in accounting and risk management. Increasing the recognition and use of these tools and standards, as
well as complementing with additional ones where needed and appropriate, would be a concrete step towards improved cross-sectoral action on water. We expect that the conclusions of the session can build the input to the 2023 UN Water Conference, especially also from strictly speaking non-water sector colleagues.

**INTERACTIVE PANEL ETAK 3: PROMOTING SCIENCE-BASED WATER SOLUTIONS, TOOLS AND TECHNOLOGY**

Evidence-based water governance and management underpinned by knowledge generated using trusted science, innovation, tools and institutional capacities are critical for sustainable water resources management, food security and climate resilient societies. Digital science-based innovations are transforming the governance and management of water resources at an unprecedented pace. This includes advanced instrumentation and telemetry for real time hydrological monitoring and forecasts using low-cost sensors and satellite data; scientific advancements in characterization and monitoring of surface and groundwater systems, and water quality using multiple lines of evidence, such as environmental tracers, geophysics, remotely sensed data and mathematical models; supported by big data analytics, such as Machine Learning and Artificial Intelligence.

Citizen scientists equipped with innovative tools, such as low-cost digital sensors and remotely-sensed data, are supporting decision-making through the integration of cultural and societal values in evidence-based water management. The integration of science, technology and innovation (STI) policies into water resource development strategies can leverage available data and devise interdisciplinary solutions to ensure sustainable and equitable management of water and sanitation, while considering the consequences for all sectors of society. Such developments offer new opportunities and solutions to support sound and confident decision-making and policy-making for a more water secure world under a changing climate.

Integration of socio-economic data is critical for the development of inclusive water resource policies and management. Such information will be critical in understanding ways for people to adapt to a world with scarcer freshwater resources. New technologies that enable data collection in remote areas with limited access complement traditional data sources. Big data analytics can process continuous streams of water-related information and data, to support robust water management for pursuing desired policy outcomes. Researchers are exploring new techniques, models and algorithms and use of satellite Earth Observation to better manage water quantities and water quality, such as statistical analysis, simulation and prediction of water quality to identify sources of pollution. Consideration of both the socio-economic and environmental implications of water governance and management for women and children, indigenous people and marginalised parts of society is essential for a water secure world in a changing environment.
## CONFERENCE PROGRAMME

### 6 June 2022

<table>
<thead>
<tr>
<th>Time</th>
<th>Conference Forums</th>
<th>Cultural Events</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00 – 18:00</td>
<td>Regional Water Cooperation – Central Asia</td>
<td>Water Festival</td>
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<tr>
<td></td>
<td>Women Water Forum</td>
<td>Marathon, etc.</td>
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<td></td>
<td>Youth Water Forum</td>
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<td></td>
<td>Forum on Water and Local Communities / Indigenous Peoples</td>
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<td>Water and Mountains towards Sustainable Development</td>
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</table>

### 7 June 2022

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>09:00 – 10:30</td>
<td>Opening Session</td>
</tr>
<tr>
<td>10:30 – 11:00</td>
<td>Coffee &amp; Networking Break</td>
</tr>
<tr>
<td>11:00 – 13:00</td>
<td>Plenary Session</td>
</tr>
<tr>
<td></td>
<td>“Catalyzing Water Action and Partnership at the Local, National, Regional and Global Levels”</td>
</tr>
<tr>
<td>13:00 – 14:30</td>
<td>Lunch Break</td>
</tr>
<tr>
<td>14:30 – 16:00</td>
<td>Thematic Panels focused on Catalyzing Water Action and Partnership</td>
</tr>
<tr>
<td></td>
<td>Increasing Water-Health Nexus to Respond to the Challenges of the Post-COVID World</td>
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<tr>
<td></td>
<td>Promoting IWRM, Water Efficiency and Valuing Water</td>
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<tr>
<td></td>
<td>Promoting Nature-Based Water Solutions, Water Quality and Ecosystems</td>
</tr>
<tr>
<td>16:00 – 16:30</td>
<td>Coffee &amp; Networking Break</td>
</tr>
<tr>
<td>16:30 – 18:00</td>
<td>Accelerating Access to Safe WASH Conditions, Leaving No One Behind</td>
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<td></td>
<td>Transboundary Water Cooperation for Economic Growth and Sustainability</td>
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<tr>
<td></td>
<td>Resilient Infrastructure and Disaster Risk Reduction</td>
</tr>
<tr>
<td>19:00 – 21:00</td>
<td>Reception hosted by the Government of the Republic of Tajikistan</td>
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### 8 June 2022

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>09:00 – 11:00</td>
<td>(Continuation) Plenary Session</td>
</tr>
<tr>
<td></td>
<td>“Catalyzing Water Action and Partnership at the Local, National, Regional and Global Levels”</td>
</tr>
<tr>
<td>11:00 – 11:30</td>
<td>Coffee</td>
</tr>
<tr>
<td>11:30 – 13:00</td>
<td>Advancing Water Sustainability in Urban and Rural Areas</td>
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<tr>
<td></td>
<td>Accelerating the Water-Energy-Food Nexus in Post-Covid Recovery</td>
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<tr>
<td></td>
<td>Water Resources and Climate: Reinforcing the Interlinkages</td>
</tr>
<tr>
<td>13:00 – 14:30</td>
<td>Lunch</td>
</tr>
<tr>
<td>14:30 – 16:00</td>
<td>Interactive Panels</td>
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<tr>
<td></td>
<td>Improving Knowledge, Education and Communication</td>
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<tr>
<td></td>
<td>Moving Out of the Water Box and Promoting Integration at All Levels</td>
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<tr>
<td></td>
<td>Promoting Science-Based Water Solutions, Tools and Technology</td>
</tr>
<tr>
<td>16:00 – 16:30</td>
<td>Coffee &amp; Networking Break</td>
</tr>
<tr>
<td>16:30 – 18:00</td>
<td>Closing Session</td>
</tr>
<tr>
<td>18:00 – 18:30</td>
<td>Press Conference</td>
</tr>
<tr>
<td>9 June 2022</td>
<td>Excursions</td>
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</tbody>
</table>

### Thematic blocks
- Water for Health and People
- Water for Livelihoods and Inclusive Economic Growth
- Water, Environment and Climate Resilience

All thematic and interactive panels, as well as forums of the Conference cover the SDG6 Global Acceleration Framework: Financing, Data and Information, Capacity Development, Innovation, Governance.
### PROGRAMME OVERVIEW

#### MONDAY, 6 JUNE 2022

<table>
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<tr>
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<th>EVENTS</th>
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</thead>
<tbody>
<tr>
<td>10:30 – 18:00</td>
<td>Conference Forum 1: Central Asia Forum &quot;Water for Regional Cooperation&quot;</td>
<td>Hyatt Regency Hotel</td>
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</tr>
<tr>
<td>09:00 – 18:30</td>
<td>Conference Forum 2: Women Water Forum</td>
<td>Kokhi Vahdat</td>
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<tr>
<td>09:00 – 17:00</td>
<td>Conference Forum 3: Youth and Children Water Forum</td>
<td>Kokhi Vahdat</td>
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<tr>
<td>14:00 – 18:00</td>
<td>Conference Forum 4: Forum on Water and Local Communities and Indigenous Peoples</td>
<td>National Library</td>
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<tr>
<td>13:30 – 18:30</td>
<td>Conference Forum 5: Forum on Water and Mountains</td>
<td>Serena Hotel</td>
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#### TUESDAY, 7 JUNE 2022

<table>
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<tr>
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<tbody>
<tr>
<td>08:30 – 09:00</td>
<td>Registration</td>
<td>Foyer of Kokhi Somon</td>
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<tr>
<td>08:45 – 08:50</td>
<td>Photo Session (only for Heads of Delegation)</td>
<td>Kokhi Somon, Large Plenary hall, 4th Floor</td>
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</tr>
<tr>
<td>09:00 – 10:30</td>
<td>Opening Session</td>
<td>Kokhi Somon, Large Plenary hall, 4th Floor</td>
<td></td>
</tr>
<tr>
<td>10:30 – 11:00</td>
<td>Coffee &amp; Networking Break</td>
<td>Kokhi Somon, 4th Floor</td>
<td></td>
</tr>
<tr>
<td>11:00 – 13:00</td>
<td>Plenary Session “Catalyzing water action and partnership at the local, national, regional and global levels”</td>
<td>Kokhi Somon, Large Plenary hall, 4th Floor</td>
<td>30</td>
</tr>
<tr>
<td>13:00 – 14:30</td>
<td>Lunch</td>
<td>Buildings 1 and B (for VIP upon Invitation) Tea House “Saodat” (for other participants)</td>
<td></td>
</tr>
<tr>
<td>13:00 – 14:30</td>
<td>Side Event 1: Building evidence for water-related policy making: the sdg 6 policy support system (SDG-PSS)</td>
<td>Building B, Firepace Hall, 1st Floor</td>
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<tr>
<td>13:00 – 14:30</td>
<td>Side Event 2: Consequences of climate change effects on water sources in mountainous Central Asia</td>
<td>Kokhi Somon, New Hall, 2nd Floor</td>
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</tr>
<tr>
<td>13:00 – 14:30</td>
<td>Side Event 3: The contribution of women to the study of glaciers in Tajikistan</td>
<td>Kokhi Somon, Zarandud Hall, 2nd Floor</td>
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<tr>
<td>13:00 – 14:30</td>
<td>Side Event 4: Glaciers and climate change: regional cooperation for sustainable development</td>
<td>Building B, Oval Hall, 1st Floor</td>
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<tr>
<td>13:00 – 14:30</td>
<td>Side Event 5: To achieve SDGs with water: supporting developing countries’ water action through a global educational platform</td>
<td>Building 1, Press Conference Hall, 1st Floor</td>
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<tr>
<td>14:30 – 16:00</td>
<td>Thematic Panel WHP 1: Increasing water-health nexus for responding to the challenges of the post-COVID world</td>
<td>Kokhi Somon, Press Conference Hall, 2nd Floor</td>
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<tr>
<td>14:30 – 16:00</td>
<td>Thematic Panel WEG 1: Promoting IWRM, Water Efficiency and Valuing Water</td>
<td>Kokhi Somon, Amphitheater Hall, 1st Floor</td>
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<tr>
<td>14:30 – 16:00</td>
<td>Thematic Panel WEC 1: Promoting Nature-Based Water Solutions, Water Quality and Ecosystems</td>
<td>Building 8, White Hall, 1st Floor</td>
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<tr>
<td>16:00 – 16:30</td>
<td>Coffee &amp; Networking Break</td>
<td>Kokhi Somon, 4th Floor</td>
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<tr>
<td>16:30 – 18:00</td>
<td>Thematic Panel WHP 2: Accelerating access to safe WASH conditions, leaving no one behind</td>
<td>Kokhi Somon, Press Conference Hall, 2nd Floor</td>
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<tr>
<td>16:30 – 18:00</td>
<td>Thematic Panel WEG 2: Transboundary water cooperation for Economic Growth and Sustainability</td>
<td>Kokhi Somon, Amphitheater Hall, 1st Floor</td>
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<tr>
<td>16:30 – 18:00</td>
<td>Thematic Panel WEC 2: Resilient Infrastructure and Disaster Risk Reduction</td>
<td>Building 8, &quot;White Hall&quot;, 1st Floor</td>
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<tr>
<td>18:00 – 19:00</td>
<td>Break</td>
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<tr>
<td>19:00 – 21:00</td>
<td>Reception hosted by the Government of the Republic of Tajikistan</td>
<td>Kohi Navruz (for VIP and official delegations upon Invitation) Tea House “Istaravshan”</td>
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## PROGRAMME OVERVIEW

**WEDNESDAY, 8 JUNE 2022**

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<tbody>
<tr>
<td>09:00 – 11:00</td>
<td>Plenary Session “Catalyzing water action and partnership at the local, national, regional and global levels” (continuation)</td>
<td>Kokhi Somon, Large Plenary Hall, 4th Floor</td>
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<tr>
<td>09:30-10:30</td>
<td>Side Event 6: Water Action Agenda: from Dushanbe 2022 to New York 2023</td>
<td>Kokhi Somon, Press Conference Hall, 2nd Floor</td>
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<tr>
<td>11:00 – 11:30</td>
<td>Coffee &amp; Networking Break</td>
<td>Kokhi Somon, 4th Floor</td>
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<tr>
<td>11:30 – 13:00</td>
<td>Thematic Panel WHP 3: Advancing Water Sustainability in Urban and Rural Areas</td>
<td>Kokhi Somon, Press Conference Hall, 2nd Floor</td>
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<tr>
<td>11:30 – 13:00</td>
<td>Thematic Panel WEG 3: Accelerating the water-energy-food nexus in post-COVID recovery</td>
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<td>11:30 – 13:00</td>
<td>Thematic Panel WEC 3: Water Resources and Climate: Reinforcing the Interlinkages</td>
<td>Building 8, White Hall, 1st Floor</td>
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<tr>
<td>13:00 – 14:30</td>
<td>Lunch</td>
<td>Buildings 1 and B (for VIP upon Invitation) Tea House “Saodat” (for other participants)</td>
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<tr>
<td>13:00 – 14:30</td>
<td>Side Event 7: Science and Evidence-Based Solutions to Improve Transboundary Water Cooperation in Small Transboundary Tributaries of Central Asia</td>
<td>Kokhi Somon, New Hall, 2nd Floor</td>
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<tr>
<td>13:00 – 14:30</td>
<td>Side Event 8: Digital Tools and E-Learning in Transboundary Water Management</td>
<td>Building 1, Press Conference Hall, 1st Floor</td>
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<td>13:00 – 14:30</td>
<td>Side Event 9: Groundwater: Making the Invisible Visible</td>
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<tr>
<td>13:00 – 14:30</td>
<td>Side Event 10: The Role of Youth in the Study of Glaciers in Tajikistan</td>
<td>Kokhi Somon, Zarandud Hall, 2nd Floor</td>
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<td>13:00 – 14:30</td>
<td>Side Event 11: Climate Change, Water Security and Migration in Central Asia: A Dialogue with Stakeholders and Partners</td>
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<td>Interactive Panel ETAK 1: Improving Knowledge, Education and Communication</td>
<td>Kokhi Somon, Press Conference Hall, 2nd Floor</td>
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<td>Interactive Panel ETAK 2: Moving out of the Water Box and Promoting Integration at All Levels</td>
<td>Kokhi Somon, Amphitheater Hall, 1st Floor</td>
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<td>14:30 – 16:00</td>
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<td>Building 8, White Hall, 1st Floor</td>
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<tr>
<td>16:30 – 18:00</td>
<td>Closing Session</td>
<td>Kokhi Somon, Large Plenary hall, 4th Floor</td>
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<tr>
<td>18:00 – 18:30</td>
<td>Press Conference</td>
<td>Kokhi Somon, Press Conference Hall, 2nd Floor</td>
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ONLINE PARTICIPATION

The links to the virtual rooms for online participants is posted on the Conference Website: www.dushanbewaterprocess.org/program (scan the QR code)
OPENING SESSION

Time: 07/06/2022 – 09:00-10:30
Hall: Kokhi Somon, Large Plenary Hall

OPENING STATEMENTS

Statement by H.E. Mr. Emomali Rahmon
President of the Republic of Tajikistan

Message from the United Nations Secretary General delivered by H.E. Ms. Amina Mohammed
United Nations Deputy Secretary General

Statement by H.E. Mr. Collen Vixen Kelapile
Permanent Representative of Botswana to the United Nations and President of the United Nations Economic and Social Council

Statement by H.E. Mr. Mark Rutte (videomessage)
Prime Minister of the Netherlands as Co-chair of the United Nations 2023 Water Conference

Statement by H.E. Mr. Liu Zhenmin
Under Secretary General for Economic and Social Affairs United Nations and Secretary General for the United Nations 2023 Water Conference

Statement by H.E. Mr. Zoran Tegeltija
Chairman of the Council of Ministers of Bosnia and Herzegovina

Statement by H.E. Mr. Nuno Gomes Nabiam
Prime Minister of Guinea-Bissau

Statement by H.E. Mr. Abdoulkader Kamil Mohamed (online)
Prime Minister of Djibouti

Statement by H.E. Mr. Muhammedov Muhammetguly
Deputy Chairman of the Cabinet Ministers of Turkmenistan

Statement by H.E. Mr. Shuhrat Ganiev
Deputy Prime Minister of Uzbekistan

Statement by H.E. Mr. Sinkevičius Virginijus
European Commissioner for Environment

Statement by Ms. Mina Guli
Global Water and Environmental Activist

Statement by Mr. Dionnon Allandiguim Bienvenu
on behalf of Youth and Children

MODERATOR

H.E. Mr. Sirodjiddin Muhriddin
Minister of Foreign Affairs of the Republic of Tajikistan
PLENARY SESSION “CATALYIZING WATER ACTION AND PARTNERSHIP AT THE LOCAL, NATIONAL, REGIONAL AND GLOBAL LEVELS”

**Times:** 07/06/2022 – 11:00-13:00  
**Hall:** Kokhi Somon, Large Plenary Hall

**CO-CHAIRS**

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

H.E. Mr. Liu Zhenmin  
United Nations Under-Secretary-General for Economic and Social Affairs

**REPORTS FROM PREVIOUS CONFERENCES**

*Outcomes of the Bonn Water Dialogues for Results*  
Statement by **Germany**

*Outcomes of the 9th World Water Forum in Dakar*  
Statement by **Senegal**

*Outcomes of the 4th Asia-Pacific Water Summit in Kumamoto*  
Statement by **Japan**

**STATEMENTS OF HEADS OF DELEGATION**

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

Time limit for statements: 3 minutes
THEMATIC PANEL WHP 1: INCREASING WATER-HEALTH NEXUS FOR RESPONDING TO THE CHALLENGES OF THE POST-COVID WORLD

**Times:** 07/06/2022 – 14:30-16:00
**Hall:** Kokhi Somon, Press Conference Hall

**CO-CONVENERS**
- WORLD HEALTH ORGANIZATION (WMO)
- UNITED NATIONS CHILDREN’S FUND (UNICEF)

**CO-CHAIRS**
- **H.E. Mr. Gajendra Singh Shekhawat** (TBC)
  Minister of Water Resources, River Development and Ganga Rejuvenation, India
- **H.E. Mr. Hadimoeljono Mochamad Basoeki** (TBC)
  Minister of Public Works and Housing, Indonesia

**MODERATOR**
- Mr. Oliver Schmoll
  Programme Manager, European Centre for Environment and Health, WHO

**KEYNOTE SPEAKERS**
- **H.E. Mr. Tedros Adhanom Ghebreyesus** (videomessage)
  Director General, WHO
- **H.E. Ms. Catherine Russell** (videomessage)
  Executive Director, UNICEF
- **H.E. Mr. Abdullozoda Jamoliddin Abdullo** (videomessage)
  Minister of Health and Social Protection of the Population, Tajikistan
- **H.E. Ms. Zsuzsanna Horváth** (video message)
  Permanent Representative of Hungary to the United Nations
- **H.E. Mr. Luis Enrique Austria Manalo** (video message)
  Permanent Representative of the Philippines to the United Nations
- **Mr. Jorge Alverez-Sala**
  WASH Specialist, UNICEF
- **Mr. John Garrett**
  Senior Policy Analyst of Development Finance, WaterAid
- **Mr. Shohei Kawabata**
  Health, Water and Social Protection Representative, JICA Tajikistan
- **Mr. Ahmet Saatçî** (TBC)
  President, SUEN
- **Ms. Francesca Bernardini**
  Chief Transboundary Cooperation Section, UNECE

**RAPPORTEUR**
- Mr. Bruce Gordon
  Head of Water, Sanitation, Hygiene and Health Unit, WHO

**CONTACT PERSON**
- Mr. Safo Kalandarov
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THEMATIC PANEL WEG1:
PROMOTING IWRM, WATER EFFICIENCY AND VALUING WATER

**Times:** 07/06/2022 – 14:30-16:00  
**Hall:** Kokhi Somon, Amphitheater Hall

**CO-CONVENERS**  
THE NETHERLANDS  
UNITED NATIONS DEVELOPMENT PROGRAMME (UNDP)  
GLOBAL WATER PARTNERSHIP (GWP)  
*IN PARTNERSHIP WITH AGUALIMPIA PERU, SIWI, FAO AND UNESCO*

**CO-CHAIRS**  
Mr. Henk Ovink  
Special Envoy for International Water Affairs, Netherlands  
Mr. Howard Bamsey  
Chair, Global Water Partnership

**MODERATOR**  
Ms. Danielle Gaillard-Picher  
Senior Specialist for Global Processes, GWP

**KEYNOTE SPEAKER**  
Mr. Xavier Leflaive (online)  
Principal Administrator, OECD

**PANELISTS**  
Ms. Xanthea Limburg (online)  
Councilor, City of Cape Town, South Africa  
Mr. Yon Fernández-de-Larrinoa  
Head of the Indigenous Peoples Unit, FAO  
Mr. Eric Tardieu  
Executive Director, IOWater, and General Secretary, INBO  
Mr. Stuart Orr  
Freshwater Practice Lead, WWF  
Mr. Mikio Ishiwatari  
Acting Secretary General, APWF

**RAPPORTEUR**  
Ms. Lyazzat Syrlybayeva  
Regional Coordinator, Central Asia Youth for Water

**CONTACT PEOPLE**  
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Mr. Colin Herron  
GWP  
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THEMATIC PANEL WEC1: PROMOTING NATURE-BASED WATER SOLUTIONS, WATER QUALITY AND ECOSYSTEMS

**Times:** 07/06/2022 – 14:30-16:00

**Hall:** Building 8, White Hall

**CO-CONVENERS**
- FOOD AND AGRICULTURE ORGANIZATION (FAO)
- UNITED NATIONS DEVELOPMENT PROGRAMME (UNDP)
- IN PARTNERSHIP WITH THE NETHERLANDS, UNESCO, GWP AND SIWI

**CO-CHAIRS**
- **Mr. Julian Katchinoff**
  Water Team Lead, US Department of State
- **Ms. Alessandra Fidanza**
  Senior Expert on the European Union - Central Asia Working Group on Environment and Climate Change, Ministry for the Ecological Transition, Italy

**MODERATOR**
- **Ms. Sasha Koo-Oshima**
  Deputy Director of Land and Water Division, FAO

**PANELISTS**
- **H.E. Ms. Cindy Hensley McCain**
  Ambassador and Permanent Representative of the United States to the United Nations in Rome
- **Ms. Josefina Maestu**
  Water Advisor to the Secretary of State for Environment, Spain
- **Mr. Rajendra Singh**
  Founder Chairman, Tarun Bharat Sangh India
- **Ms. Tania Martinez Cruz**
  Indigenous Peoples Food Systems and Water Expert, FAO
- **Ms. Yolanda López Maldonado**
  Researcher in Indigenous Science
- **Mr. Dean Muruven**
  Global Policy Lead Freshwater, WWF
- **Mr. David Hebart-Coleman**
  Programme Manager, SIWI

**RAPPORTEUR**
- **Ms. Marianne Kjellén**
  Senior Water Advisor, UNDP

**CONTACT PEOPLE**
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- **Ms. Marianne Kjellén**
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THEMATIC PANEL WHP2: ACCELERATING ACCESS TO SAFE WASH CONDITIONS, LEAVING NO ONE BEHIND

**Times:** 07/06/2022 – 16:30-18:00

**Hall:** Kokhi Somon, Press Conference Hall

**CO-CONVENERS**

- UNITED NATIONS CHILDREN’S FUND (UNICEF)
- UNIVERSITY OF NORTH CAROLINA

**CO-CHAIRS**

- H.E. Mr. Mahaman Adamou (invited)
  Minister of Hydraulics and Sanitation, Niger
- Mr. Osama Makkawi
  Country Representative, UNICEF Tajikistan

**MODERATOR**

- Mr. Aaron Salzberg (TBC)
  Director of the Water Institute, University of North Carolina

**KEYNOTE SPEAKER**

- Mr. Bruce Gordon
  Unit Head of Water, Sanitation, Hygiene and Health, WHO

**PANELISTS**

- H.E. Ms. Egriselda López
  Permanent Representative of El Salvador to the United Nations
- Mr. Prem Singh Tharu
  Environment Programme Officer, Asia Indigenous Peoples Pact Nepal
- Ms. Diana Iskreva
  Executive Director, Earth Forever Bulgaria
- Ms. Madjuyengar Kenyane Ndahde-Nouba
  Member, Young Voices Sahel Chad

**RAPPOREUR**

- Ms. Sofie Sandström
  First Secretary at the Permanent Mission of Finland to the United Nations

**CONTACT PEOPLE**

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THEMATICAL PANEL WEG2: TRANSBOUNDARY WATER COOPERATION FOR ECONOMIC GROWTH AND SUSTAINABILITY

**Times:** 07/06/2022 – 16:30-18:00

**Hall:** Kokhi Somon, Amphitheater Hall

**CO-CONVENERS**
- UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE (UNECE)
- UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION (UNESCO)
- UNIVERSITY OF NORTH CAROLINA
  *IN PARTNERSHIP WITH EUROPEAN UNION, OSCE AND SDC*

**CHAIR**
H.E. Mr. Igli Hassani (TBC)
Co-ordinator of OSCE Economic and Environmental Activities

**MODERATOR**
Mr. Aaron Salzberg (TBC)
Director of the Water Institute, University of North Carolina

**OPENING STATEMENTS**
- H.E. Ms. Olga Algayerova
  UN Under Secretary General and Executive Secretary, UNECE
- Ms. Shamila Nair-Bedouelle
  Assistant Director General for Natural Sciences, UNESCO

**KEYNOTE SPEAKERS**
- H.E. Mr. Guy Bonvin
  Ambassador and Special Envoy for Water in Central Asia, Switzerland
- Ms. Marjeta Jager
  Deputy Director-General for International Partnerships, European Union

**PANELISTS**
- Mr. Sergio Sitoe
  Executive Secretary, LIMCOM
- Ms. Dinara Ziganshina
  Director, SIC ICWC
- Mr. Gideon Bromberg
  Director, EcoPeace Middle East
- Ms. Jennifer Sara
  Director of the Global Water Practice, World Bank

**RAPPORTEUR**
Ms. Francesca Bernardini
Chief of Transboundary Cooperation Section, UNECE

**CONTACT PEOPLE**
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- Ms. Alice Aureli
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- Mr. Aaron Salzberg
  University of North Carolina
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THEMATIC PANEL WEC2:
RESILIENT INFRASTRUCTURE AND DISASTER RISK REDUCTION

**Times:** 07/06/2022 – 16:30-18:00

**Hall:** Building 8, White Hall

**CO-CONVENERS**

- HIGH-LEVEL EXPERTS AND LEADERS PANEL ON WATER AND DISASTERS (HELP)
- ASIAN DEVELOPMENT BANK (ADB)
- NATIONAL GRADUATE INSTITUTE FOR POLICY STUDIES (GRIPS)

**CO-CHAIRS**

- **H.E. Dr. Han Seung-Soo**
  Chair, HELP, and Former Prime Minister of Korea

- **Ms. Yasmin Siddiqi**
  Director, Environment, Natural Resources and Agriculture Division, Central and West Asia Department, ADB

**MODERATOR**

- **Mr. Kenzo Hiroki**
  Professor, GRIPS, and Coordinator, HELP

**PANELISTS**

- **Mr. Toshikazu Tokioka**
  Director for International Coordination of River Engineering, Water and Disaster Management Bureau, Ministry of Land, Infrastructure, Transport and Tourism, Japan

- **Ms. Conchita Marcuello**
  Director General for Water, Ministry for the Ecological Transition and the Demographic Challenge, Spain

- **Mr. Octavian Bivol**
  Chief of the Regional Office for Europe and Central Asia, UNDRR

- **Mr. Kamol Kashore (TBC)**
  Co-chair of the Executive Committee, Coalition for Disaster Resilient Infrastructure

- **Ms. Ludmilla Kiktenko**
  Environment Management Programme Manager, Regional Environmental Centre for Central Asia, CAREC

**RAPPORTEUR**

- **Mr. Kenzo Hiroki**
  Professor, GRIPS, and Coordinator, HELP

**KEYNOTE SPEAKER**

- **Mr. Shixin Chen**
  Vice President, ADB

- **Mr. Liu Zhenmin (TBC)**
  United Nations Under-Secretary-General for Economic and Social Affairs

**CONTACT PEOPLE**

- **Mr. Kenzo Hiroki**
  HELP
  hiroki@waterforum.jp
PLENARY SESSION “CATALYZING WATER ACTION AND PARTNERSHIP AT THE LOCAL, NATIONAL, REGIONAL AND GLOBAL LEVELS” (CONTINUATION)

**Times:** 08/06/2022 – 09:00-11:00  
**Hall:** Kokhi Somon, Large Plenary Hall

**CO-CHAIRS**

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

H.E. Mr. Liu Zhenmin  
United Nations Under-Secretary-General for Economic and Social Affairs

**STATEMENTS OF HEADS OF DELEGATION (CONTINUATION)**

An updated list of speakers may be distributed at the beginning of the session.

Time limit for statements: 3 minutes
THEMATIC PANEL WHP3:
ADVANCING WATER SUSTAINABILITY IN URBAN AND RURAL AREAS

**Times:** 08/06/2022 – 11:30-13:00

**Hall:** Kokhi Somon, Press Conference Hall

**CO-CONVENERS**
WORLD BANK
IN PARTNERSHIP WITH UNICEF

**CO-CHAIRS**
Mr. Gustavo Saltiel
Global lead for Water and Sanitation, World Bank
Ms. Kelly Ann Naylor
Director WASH and CEED, UNICEF

**MODERATOR**
Ms. Meriem Gray
Senior External Affairs Officer, World Bank

**KEYNOTE SPEAKER**
Ms. Jennifer Sara
Global Director, Water Global Practice, World Bank

**PANELISTS**
Ms. Gayane Gabrielyan (TBC)
Deputy Minister of Environment, Armenia
Mr. Nuno Broco
CEO, Aguas de Portugal VALOR
Ms. Carolina Tornesi
President, World Youth Parliament for Water
Mr. Marton Krasznai
Center for Central Asia Research, Corvinus University
Mr. Diego Polania
Water Regulatory Commission, Colombia

**RAPPORTEUR**
Ms. Josefina Maestu
Water Advisor to the Secretary of State for Environment, Spain

**CONTACT PEOPLE**
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THEMATIC PANEL WEG3:
ACCELERATING THE WATER-ENERGY-FOOD NEXUS IN POST-COVID RECOVERY

**Time:** 08/06/2022 – 11:30-13:00

**Hall:** Kokhi Somon, Amphitheater Hall

**CO-CONVENERS**

GERMANY

FOOD AND AGRICULTURE ORGANIZATION (FAO)
INTERNATIONAL WATER MANAGEMENT INSTITUTE (IWMI)

**CO-CHAIRS**

H.E. Mr. Djuma Daler Shofakir
Minister of Energy and Water Resources, Tajikistan

H.E. Dr. Andreas Prothmann
Ambassador of Germany to Tajikistan

**MODERATOR**

Mr. Oyture Anarbekov
Country Manager / Researcher, IWMI Central Asia

**KEYNOTE SPEAKER**

H.E. Ms. Tanja Miskova
Ministry of Foreign Affairs, Slovenia

**PANELISTS**

H.E. Mr. Omar Hilale
Permanent Representative of Morocco to the United Nations

Ms. Eugénie Avram
Water, Sanitation, IWRM and Transboundary Resources Officer, Ministry of Europe and Foreign Affairs, France

Mr. Abdulhakim Salohiddinov
Vice-Rector, Tashkent Institute of Irrigation and Agricultural Mechanization Engineers, National Research University

Ms. Lyazzat Syrlybayeva
Regional Coordinator, Central Asia Youth for Water Network

Mr. Tobias Siegfried
HYDROU4 Project Partner, Hydrosolutions Ltd.

**CLOSING REMARKS**

Mr. Mark Smith
Director General, IWMI

Ms. Sasha Koo-Oshima
Deputy Director, Land and Water Division, FAO

**RAPPORTEUR**

Ms. Dinara Ziganshina (TBC)
Director, SIC ICWC

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Mr. Oyture Anarbekov
IWMI
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THEMATICAL PANEL WEC3: WATER RESOURCES AND CLIMATE: REINFORCING THE INTERLINKAGES

**Times**: 08/06/2022 – 11:30-13:00

**Hall**: Building 8, White Hall

**CO-CONVENERS**

THE NETHERLANDS

SPAIN

IN PARTNERSHIP WITH UNESCO, UNDP, ADB, GWP AND SIWI

**CO-CHAIRS**

H.E. Mr. Moahamed Abdel Aty
Minister of Water Resources and Irrigation, Egypt

Ms. Shamila Nair-Bedouelle
Assistant Director General for Natural Sciences, UNESCO

**MODERATORS**

Mr. Henk Ovink
Special Envoy for International Water Affairs, The Netherlands

Ms. Marianne Kjellén
Senior Water Advisor, UNDP

**KEYNOTE SPEAKER**

Mr. John Mathews
Executive Director, AGWA

**PANELISTS**

H.E. Ms. Mennissa Rambally
Permanent Representative of Saint Lucia to the United Nations

Mr. Robbert Moree
Policy Coordinator, Ministry for Infrastructure and Water Management, The Netherlands

Mr. Manfred Kaufman
Programme Manager, Switzerland

Ms. Jelle Beekma
Senior Water Resources Specialist, ADB

Mr. Tove Lexen
Leading Expert in Water Governance, SIWI

Mr. Ki Young Park
General Director of K-water, Republic of Korea

**RAPPORTEUR**

Ms. Danielle Gaillard-Picher
Senior Specialist for Global Processes, GWP

**CONTACT PEOPLE**

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Ms. Josefina Maestu
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INTERACTIVE PANEL ETAK1:
IMPROVING KNOWLEDGE, EDUCATION AND COMMUNICATION

Times: 08/06/2022 – 14:30-16:00
Hall: Kokhi Somon, Press Conference Hall

CO-CONVENERS
GLOBAL WATER FUTURES
PACIFIC WATER RESEARCH CENTRE
IN PARTNERSHIP WITH UNESCO

CO-CHAIRS
H.E. Mr. Terry Duguid (online)
Member of Parliament, Canada

H.E. Mr. Liu Zhenmin (invited)
United Nations Under-Secretary-General for Economic and Social Affairs

MODERATOR
Ms. Corinne Schuster-Wallace
Associate Director, Global Water Futures

KEYNOTE SPEAKER
Mr. John Pomeroy
Director, Global Water Futures

PANELISTS
H.E. Ms. Irina Smirnova
Member of Parliament, Kazakhstan

Mr. Jorge Ellis
Programme Specialist, UNESCO

Ms. Yolanda López Maldonado
Researcher in Indigenous Science

Ms. Kajol Basnet (online)
Youth Representative, Small Earth Nepal

RAPPOREUR
Mr. Robert Sandford
Global Water Futures Chair in Water and Climate Security, UNU Institute for Water, Environment and Health

CONTACT PERSON
Ms. Corinne Schuster-Wallace
Global Water Futures
cschuster.wallace@usask.ca
INTERACTIVE PANEL ETAK2: MOVING OUT OF THE WATER BOX AND PROMOTING INTEGRATION AT ALL LEVELS

**Times:** 08/06/2022 – 14:30-16:00

**Hall:** Kokhi Somon, Amphitheater Hall

**CO-CONVENERS**

SWITZERLAND

STOCKHOLM INTERNATIONAL WATER INSTITUTE (SIWI)

ARIZONA STATE UNIVERSITY

WOMEN FOR WATER PARTNERSHIP (WfWP)

*IN PARTNERSHIP WITH UNESCO-WWAP*

**CO-CHAIRS**

H.E. Mr. Guy Bonvin
Special Envoy for Water in Central Asia, Switzerland

Mr. Olcay Unver (TBC)
Professor of Practice, Arizona State University

**MODERATORS**

Mr. Joshua Newton
Consultant, SIWI

Ms. Lesha Witmer
Advocacy, WfWP

**PANELISTS**

Mr. Callist Tindimugaya (video)
Commissioner Water Resources Planning and Regulation, Uganda

Ms. Laura Imburgia
Senior Water and Gender Programme Officer, UNESCO-WWAP

Mr. Adrian Sym
Executive Director, Alliance for Water Stewardship

Mr. Anton-Louis Olivier (represented by Mr. Alex Campbell)
Vice-Chair, IHA

Ms. Mercedes Castro
General Director, Agualimpia Peru

Ms. Karin Krchnak (online)
Managing Director of Sustainability and Market Outreach, American Chemistry Council

Ms. Carolina Tornesi MacKinnon
President, WYWP

**RAPPORTEUR**

Mr. Gary Grossman
Associate Director, School for the Future of Innovation in Society, Arizona State University

**KEYNOTE SPEAKER**

Mr. Lifeng Li
Director Land & Water Division, FAO

Mr. Mahmoud Mohieldin
UN Climate Change High-Level Champion, Egypt

**CONTACT PEOPLE**

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Mr. Olcay Unver
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INTERACTIVE PANEL ETAK3: PROMOTING SCIENCE-BASED WATER SOLUTIONS, TOOLS AND TECHNOLOGY

**Times:** 08/06/2022 – 14:30-16:00  
**Hall:** Building 8, White Hall

**CO-CONVENERS**  
AUSTRALIA  
INTERNATIONAL WATER MANAGEMENT INSTITUTE (IWMI)  
UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION (UNESCO)

**CO-CHAIRS**  
Mr. Tony Slatyer  
Special Adviser on Water to the Government, Department of Foreign Affairs and Trade, Australia  
Mr. Amirzoda Orif Khamid  
Director of the Institute of Water Problems, Hydropower and Ecology under National Academy of Sciences, Tajikistan

**MODERATOR**  
Mr. Anil Mishra  
Chief of Section, Hydrological Systems and Water Scarcity, Division of Water Sciences, UNESCO

**KEYNOTE SPEAKERS**  
Ms. Shamila Nair-Bedouelle  
Assistant Director General for Natural Sciences, UNESCO  
Ms. Cathy Foley  
Australia’s Chief Scientist

**PANELISTS**  
H.E. Mr. Jone Usamate (video)  
Minister for Infrastructure, Meteorological Services, Lands and Mineral Resources, Fiji  
Mr. Fazliddin Mukhitdinov  
Head of the Office for the Coordination of Reforms in Agriculture and Stabilization of the Domestic Food Market, Ministry of Economic Development and Poverty Reduction, Uzbekistan  
Mr. Kiyoung Park  
General Manager, K-Water, and Director, International Environmental Cooperation Center  
Ms. Jane Coram  
Director for Land and Water of CSIRO, Australia National Science Agency  
Mr. Mark Smith  
Director General, IWMI

**RAPPORTEUR**  
Mr. Mohsin Hafeez  
Country Representative for Pakistan and Regional Representative for Central Asia, IWMI

**CONTACT PEOPLE**  
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Mr. Oyture Anarbekov  
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CLOSING SESSION

Times: 08/06/2022 – 16:30-18:00
Hall: Kokhi Somon, Large Plenary hall

CO-CHAIRS

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

H.E. Mr. Liu Zhenmin
United Nations Under-Secretary-General for
Economic and Social Affairs

REPORTS FROM THE CONFERENCE FORUMS

Report of the Central Asia Forum
“Water for Regional Cooperation” delivered by
Mr. William Young
Lead Water Resources Management Specialist,
World Bank

Report of the Women Water Forum delivered by
Ms. Alia El-Yassir
Regional Director, UN Women

Report of the Youth and Children Water Forum
delivered by Ms. Emily Ryan
Chair of the International Water Association Young
Water Professionals Steering Committee

Report of the Forum on Water and Local
Communities and Indigenous Peoples delivered by
Ms. Yolanda López Maldonado
and Ms. Tania Martínez Cruz
Researcher in Indigenous Science and Indigenous
Peoples Food Systems and Water Expert, FAO

Report of the Forum on Water and Mountains
delivered by Ms. Natalia Kim
Project Officer, UNESCO Almaty Cluster Office

REPORTS FROM THE THEMATIC
AND INTERACTIVE PANELS

Water for Health and People (WHP)

Report on increasing water-health nexus for
responding to the challenges of the post-COVID
world (WHP1) delivered by Mr. Bruce Gordon,
Head of Water, Sanitation, Hygiene and Health
Unit, WHO

Report on accelerating access to safe water supply,
sanitation and hygiene (WASH) conditions, leaving
no one behind (WHP2) delivered by Ms. Sofie
Sandström, First Secretary at the Permanent
Mission of Finland to the United Nations

Report on advancing water sustainability in urban
and rural areas (WHP3) delivered by Ms. Josefina
Maestu, Water Advisor to the Secretary of State
for Environment, Spain

Water for Livelihoods and Inclusive Economic
Growth (WEG)

Report on promoting integrated water resources
management, water efficiency and valuing water
(WEG1) delivered by Ms. Lyazzat Syrlybayeva,
Regional Coordinator, Central Asia Youth for Water

Report on transboundary water cooperation for
inclusive economic growth and sustainability
(WEG2) delivered by Ms. Francesca Bernardini,
Chief of Transboundary Cooperation Section,
UNECE
Report on accelerating the water-energy-food nexus in post-COVID recovery (WEG3) delivered by Ms. Dinara Ziganshina (TBC), Director, SIC ICWC Water, Environment and Climate Resilience (WEC)

Report on promoting nature-based water solutions, water quality and ecosystems (WEC1) delivered by Ms. Marianne Kjellén, Senior Water Advisor, UNDP

Report on resilient infrastructure and disaster risk reduction (WEC2) delivered by Mr. Kenzo Hiroki, Professor, GRIPS, and Coordinator, HELP

Report on water resources and climate: reinforcing the interlinkages (WEC3) delivered by Ms. Danielle Gaillard-Picher, Senior Specialist for Global Processes, GWP

Interactive Panels on Education, Technology, Awareness and Knowledge (ETAK)

Report on promoting science-based water solutions, tools and technology (ETAK1) delivered by Mr. Robert Sandford, Global Water Futures Chair in Water and Climate Security, UNU Institute for Water, Environment and Health

Report on moving out of water box and promoting integration at all levels (ETAK2) delivered by Mr. Gary Grossman, Associate Director, School for the Future of Innovation in Society, Arizona State University

Report on improving knowledge, education and communication (ETAK3) delivered by Mr. Mohsin Hafeez, Country Representative for Pakistan and Regional Representative for Central Asia, IWMI

CLOSING CEREMONY

Presentation of the outcome documents

Closing remarks by H.E. Mr. Qohir Rasulzoda
Prime Minister of the Republic of Tajikistan and Chairman of the National Organizing Committee
CONFERENCE FORUM 1:
CENTRAL ASIA FORUM “WATER FOR REGIONAL COOPERATION”

**Time:** 06/06/2022 – 10:30 – 18:00

**Venue:** Kokhi Somon, Hyatt Regency Hotel

**CO-ORGANIZERS**
EXECUTIVE COMMITTEE OF THE INTERNATIONAL FUND FOR SAVING THE ARAL SEA (EC IFAS)
WORLD BANK
IN PARTNERSHIP WITH CAWEP, EUROPEAN UNION, SWITZERLAND, USAID, UKAID, GIZ AND CAREC

**OPENING SESSION**
Time: 11:00-11:20

**OPENING REMARKS**
H.E. Mr. Sulton Rahimzoda
Chairman of EC IFAS
Ms. Jennifer Sara
Global Water Practice Director, World Bank

**SPECIAL ADDRESS BY THE EUROPEAN UNION**
H.E. Mr. Virginijus Sinkevičius
European Commissioner for Environment

**PRESENTATIONS**
Reflections on the youth from the expedition along the Syr-Darya River basin
Mr. Gulahmadov Aminjon
Head of Section, Institute of Water Issues, Energy and Environment of the Tajik Academy of Science

Global campaign RunBlue: reflections on the #RunBlue marathon stretch in Central Asia
Ms. Mina Guli
Global Water and Environmental Activist

From Dushanbe Conference towards the UN 2023 Water Conference in New York
Mr. Henk Ovink
Special Envoy of the Kingdom of Netherlands for International Water Affairs

**MODERATOR**
Ms. Meriem Gray
Senior External Affairs Officer, World Bank (TBC)

**PLENARY SESSION “STRENGTHENING REGIONAL COOPERATION ON WATER TOWARDS SUSTAINABLE DEVELOPMENT IN CENTRAL ASIA”**
Time: 11:20-12:30

**KEY CONVENING PARTNER**
SWISS AGENCY FOR DEVELOPMENT AND COOPERATION (SDC)

**MINISTERIAL PANEL**
H.E. Mr. Serikbai Brekeshiev
Minister of Ecology, Geology and Natural Resources of Kazakhstan
H.E. Mr. Daler Juma
Minister of Energy and Water Resources of Tajikistan
H.E. Mr. Shavkat Khamraev
Minister of Water Resources of the Republic of Uzbekistan
H.E. Mr. Guyzgeldi Bayjanov
Chairman of State the Committee for Water Management of Turkmenistan
Ms. Dinara Kemelova
Deputy Minister of Foreign Affairs of the Kyrgyz Republic

**DEVELOPMENT PARTNERS PANEL**
Mr. Martin Saladin
Head of Operations, Economic Cooperation, State Secretariat of Economic Affairs, Switzerland
Ms. Tatiana Proskuryakova
Country Director for Central Asia, World Bank
H.E. Ms. Terhi Hakala
EU Special Representative for Central Asia
Ms. Yasmin Siddiqi
Director, Environment, Natural Resources and Agriculture Division, Central and West Asia Department, ADB

**MODERATOR**
H.E. Mr. Guy Bonvin,
Special Ambassador, SDC

12:20 – 12:30 Wrap-up of the session: presentation of key messages

**LUNCH**
Time: 12:30-14:00
PANEL SESSIONS

PANEL SESSION 1: “HOW IS CENTRAL ASIA PRIORITIZING SAFE DRINKING WATER FOR ITS PEOPLE, AND WHAT NATIONAL AND REGIONAL TARGETS HAVE BEEN SET FOR WATER FOR HEALTH AND PEOPLE?”

Time: 14:00-15:30

KEY CONVENING PARTNER
WORLD BANK

OPENING REMARKS
Mr. Sascha Djumena
Country Program Coordinator, Europe and Central Asia Region, World Bank

INTRODUCTION
Participants will be asked a number of questions through the interactive PollEverywhere tool (www.polleverywhere.com)

PART 1. TOWARDS SUSTAINABLE AND UNIVERSAL ACCESS TO WSS IN THE REGION: PERSPECTIVES FROM THE REGION

Setting the stage: where does CA stand in achieving the regional and national WASH and health targets

Mr. Oliver Schmoll
Programme Manager, WHO European Centre for Environment and Health

Strategic development planning and innovations for performance improvements through PPP in Uzbekistan

Mr. Khurshid Rakhmatullaev
Deputy Chairman of Board of JSC “Uzsuvtaminot”

Mr. Alain Carbonel
Uzbekistan Country Manager, SUEZ Water Technologies and Solutions in charge of the Tashkent Water PPP

Lessons from setting national targets for WSS delivery and public health outcomes in Kazakhstan, what did COVID-19 teach us?

Mr. Valeri Syundyukov
Association of Enterprises of Water Supply and Sanitation of the Republic of Kazakhstan “Kazakhstan Su Arnasy”

Improving Management of Water Supply and Wastewater Services in Kyrgyz Republic: creating sustainable municipal enterprises and the importance of regulatory and monitoring systems

Mr. Askarbek Toktoshov
Advisor at the State Agency for Architecture, Construction, Housing and Communal Services of the Kyrgyz Republic

Establishing a prominent link between water resources and WSS delivery through the sector reform process

Mr. Daler Abdurazuzov
Head of the Department of Water and Energy Policy, Ministry of Energy and Water Resources of the Republic of Tajikistan

PART 2. PANEL DISCUSSION - TOWARDS SUSTAINABLE AND UNIVERSAL ACCESS TO WSS IN THE REGION: PERSPECTIVES OF DEVELOPMENT PARTNERS

Mr. Winston Yu
Manager, Water Practice, World Bank

Mr. Oliver Schmoll
Programme Manager, WHO European Centre for Environment and Health

Ms. Ekaterina Miroshnik
Director, Head of Infrastructure Division, Eurasia, European Bank for Reconstruction and Development

Mr. Pierre Casabonne
Senior Operations Offices, International Finance Corporation

Mr. Iskandar Abdullaev
Deputy Director Two, CAREC Institute

PANEL DISCUSSION

Restoration of ecosystems for livelihood development at the dried bottom of the Aral Sea basin

Mr. Bolat Bekniyaz
IFAS Board in Kazakhstan

Sedimentation as a resource for public-private partnership and economic growth in Central Asia

Mr. Ilkhom Zhuraev
EC IFAS

Economic and financial aspects in support of promoting the nexus approach in Central Asia

Mr. Takayoshi Kato
OECD / IKI Nexus Consortia

Moderated discussion

MODERATOR
Ms. Yekaterina Strikeleva
Regional Water and Vulnerable Environment Activity, USAID

RAPPORTEUR
Ms. Ludmilla Kiktenko
CAREC

COFFEE BREAK
Time: 15:30-16:00

PANEL SESSION 2: “ENSURING GREEN, RESILIENT AND INCLUSIVE ECONOMIC DEVELOPMENT IN A WATER-SCARCE WORLD THROUGH IWRM AND NEXUS APPROACH”

Time: 16:00-17:30

KEY CONVENING PARTNER
USAID

REGIONAL ENVIRONMENTAL CENTRE FOR CENTRAL ASIA (CAREC)

OPENING REMARKS
Mr. Husniddin Sharofiddinov
Deputy Chairman, EC IFAS

Mr. Robert Brudzynski
Project Manager, Cooperation Section, Delegation of the European Union to Kazakhstan

Ms. Ekaterina Strikeleva
CoP of WAVE Activity, USAID

KEYNOTE SPEECH
Ensuring green, resilient, and inclusive economic development in a water-scarce world through IWRM and Nexus approach

Mr. Iskandar Abdullaev
Deputy Director Two, CAREC Institute

PANEL DISCUSSION

Restoration of ecosystems for livelihood development at the dried bottom of the Aral Sea basin

Mr. Bolat Bekniyaz
IFAS Board in Kazakhstan

Sedimentation as a resource for public-private partnership and economic growth in Central Asia

Mr. Ilkhom Zhuraev
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Economic and financial aspects in support of promoting the nexus approach in Central Asia

Mr. Takayoshi Kato
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Moderated discussion

MODERATOR
Ms. Yekaterina Strikeleva
Regional Water and Vulnerable Environment Activity, USAID

RAPPORTEUR
Ms. Ludmilla Kiktenko
CAREC

COFFEE BREAK
Time: 15:30-16:00
PANEL SESSION 3: “CLIMATE CHANGE IN CENTRAL ASIA: IMPACTS ON WATER QUALITY, AVAILABILITY AND PREDICTABILITY”

Time: 16:00-17:30

KEY CONVENING PARTNER
EUROPEAN UNION
GERMAN SOCIETY FOR INTERNATIONAL COOPERATION (GIZ)

WELCOME AND OPENING
H.E. Ms. Terhi Hakala
Special Representative for Central Asia, European Union
Mr. Hinrich Thölken
Ambassador and Special Advisor for International Climate at Federal Foreign Office, Germany
Mr. Sulton Rahimzoda (TBC)
Chairman of EC IFAS

KEYNOTE
Ms. Marjeta Jager
Deputy Director General for International Partnership, European Union

PANEL DISCUSSION
Ms. Karin Marmsoler
Federal Foreign Office, Germany
Ms. Alessandra Fidanza
Senior Expert for the EU-CA Working Group on Environment and Climate Change, Italian Ministry for the Ecological Transition, Italy
Mr. Manfred Kaufman
Programme Manager, Switzerland
Ms. Jane Olga Ebinger
Sector Leader, Sustainable Development in Central Asia, World Bank
Mr. Sagit Ibatullin
International Hydraulic Safety Training Center, Kazakhstan
Mr. Oyture Anarbekov
Country Manager-Researcher, IWMI
Mr. Valts Vilnītis
Team Leader, WECOP
Ms. Dana Yermolyonok
Global Programme “Policy Advice for Climate Resilient Economic Development”, GIZ

MODERATOR
Ms. Caroline Milow
Programme Manager, GIZ

RAPPORTEUR
Mr. Peep Mardiste
Senior Policy Expert for the Water Facility of INTPA, European Union

PANEL SESSION 4: REGIONAL COLLABORATION FOR IMPROVING KNOWLEDGE, EDUCATION AND COMMUNICATION; AND PROMOTING SCIENCE-BASED WATER SOLUTIONS, TOOLS AND TECHNOLOGY

Time: 16:00-17:30

KEY CONVENING PARTNER
USAID
REGIONAL ENVIRONMENTAL CENTRE FOR CENTRAL ASIA (CAREC)

OPENING REMARKS
Mr. Husniddin Sharofiddinov
Deputy Chairman, EC IFAS
Mr. Robert Brudzynski
Project Manager, Cooperation Section, Delegation of the European Union to Kazakhstan
Ms. Ekaterina Strikeleva
CoP of the WAVE Activity, USAID

PART 1. KEYNOTE SPEECH
Setting the scene on science-based solutions, tools and technology available in Central Asia
Ms. Yekaterina Strikeleva
USAID Regional Water and Vulnerable Environment Activity

PART 2. REFLECTIONS ON THE INNOVATIVE TOOLS AND FOR IMPROVING KNOWLEDGE, EDUCATION AND COMMUNICATION, AND PROMOTING SCIENCE-BASED WATER SOLUTIONS
Laboratory of innovative solutions for water sector in Central Asia
Ms. Julia Komagaeva
World Bank
The ICWC’s contribution to improving water knowledge, education and communication in Central Asia
Ms. Dinara Zignanshina
Director, SIC ICWC

Introduction of innovative study modules in the Central Asian countries: experience of the Blue Peace Central Asia Initiative
Mr. Tobias Siegfried
Co-founder of Hydrosolutions GmbH, Switzerland
Science-based water solutions, tools and technology: examples from Central Asia
Mr. Oyture Anarbekov
Country Manager, IWMI
Importance of youth collaboration for greening Central Asia
Mr. Samar Kanatov
Youth Network on Central Asia

MODERATOR
Mr. Iskandar Abdullaev
Deputy Director Two, CAREC Institute

PART 3. WRAP-UP AND CLOSING REMARKS

RAPPORTEUR
Ms. Ludmilla Kiktenko
CAREC

PRESENTATION OF THE OUTCOMES OF THE PARALLEL THEMATIC SESSIONS

Time: 17:30-17:50

RAPPORTEURS
Mr. Khairy Al-Jamal
Senior Water Supply and Sanitation Specialist, World Bank
Ms. Ludmilla Kiktenko
CAREC
Mr. Peep Mardiste
USAID Regional Water and Vulnerable Environment Activity

MODERATOR
Mr. William Young
Lead Water Resources Specialist and CAWEP Manager, World Bank

CLOSING SESSION
Time: 17:50-18:00 pm (Dushanbe time)

CLOSING REMARKS

Mr. William Young
Lead Water Resources Specialist and CAWEP Manager, World Bank
Mr. Sulton Rahimzoda
Chairman, EC IFAS (TBC)
CONFERENCE FORUM 2: WOMEN WATER FORUM

**Time:** 06/06/2022 – 09:00-18:30

**Venue:** Kokhi Vahdat

**CO-ORGANIZERS**
- UN WOMEN
- ROYAL ACADEMY OF SCIENCE INTERNATIONAL TRUST (RASIT)
- IN PARTNERSHIP WITH OSCE

**REGISTRATION**
09:00-10:00 Upon registration, participants are directed to visit the event’s exhibition: “My Water World”

**HIGH-LEVEL OPENING CEREMONY (GREEN ROOM)**
10:00-10:30

**OPENING REMARKS**
- Ms. Alia El-Yassir
  Regional Director, UN Women Regional Office for Europe and Central Asia
- H.R.H. Ms. Nisreen El-Hashemite
  Founder President of Women in Science International League and the Executive Director of the Royal Academy of Science International Trust (RASIT)
- Ms. Helga Maria Schmid
  Secretary General, OSCE
- H.E. Ms. Terhi Hakala
  EU Special Representative for Central Asia
- H.E. Mr. Sulton Rahimzoda
  Special Envoy of the President of the Republic of Tajikistan to the Water and Climate Coalition Leaders

**KEYNOTE SPEECHES**
- Ms. Hilolbi Kurbonzoda
  Chairperson, Committee of Women and Family Affairs under the Government, Tajikistan
- Ms. Veronica Sánchez da Cruz Rios
  Director-President of the National Water and Sanitation Agency, Brazil
- Ms. Olivia Cohn
  Coordinator of One Billion Voices Campaign, RASIT Girls in Science 4 SDGs International Platform, United States
- Ms. Olga Janaeva
  Director, Public Association Women’s organization “Alga”, Kyrgyzstan, leader for the Generation Equality Action Coalition on Feminist Action for Climate Justice

**MODERATOR**
- Ms. Alia El Yassir
  Regional Director for Europe and Central Asia, UN Women

**COFFEE BREAK**
11:00-11:15

**HIGH-LEVEL PANEL ON WOMEN IN SCIENCE FOR WATER AND SOCIETY (GREEN ROOM)**
11:15-13:00

**OPENING STATEMENTS**
- H.E. Mr. Abdulla Shahid
  President of the 76th session of the United Nations General Assembly (TBC)
- H.E. Ms. Helena Dalli
  European Commission for Equality (TBC)
- H.E. Ms. Ameenah Gurib-Fakim
  Former President of the Republic of Mauritius

**REMARKS**
- Ms. Susan Windham-Bannister
  CEO of Biomedical Growth Strategies, President of Association of Women in Science
- Mr. Ismail Sukkarieh
  Professor of Medicine, American University of Beirut, President of the National Association of Health and Social Affairs, Lebanon
- PRs of 7th IDWGIS Co-organizers

**SHORT ILLUSTRATIVE VIDEOS**
- PICTURING CHALLENGES AND SOLUTIONS FROM DIFFERENT SCIENTIFIC ANGLES
  - Ms. Stephanie Okeyo
    Under the Microscope, Kenya
  - Ms. Meghna Badami
    Medical Student, and RASIT Youth Representative to the UN, India
  - Women in Science Lehigh University, United States

**CONVERSATION WITH DISTINGUISHED SCIENTISTS AND EXPERTS**
- Sustainable Development Needs Science and Science Needs Women
  - Ms. Barbara Janusz Pawletta
    Vice Rector, Kazakh-German University
  - Mr. Kumar Loganathan
    Cansu-SITE Initiator and Social Entrepreneur, India
  - Ms. Corinne Schuster-Wallace
    Professor University of Saskatchewan, Associate Director Global Water Futures, Canada
  - Ms. Josefina Maestu
    Water Advisor to the Secretary of State for Environment, Spain
MODERATOR
Ms. Alice Bouman-Dentener
Co-Founder of Cansu Global, RASIT

Open discussion with the meeting participants

LUNCH BREAK
Time: 13:30-14:30

HIGH LEVEL PANEL ON CAPACITY BUILDING AND KNOWLEDGE (GREEN ROOM)
Time: 14:30 – 15:45

OPENING REMARKS
H.E. Mr. Igli Hasani
Coordinator of OSCE Economic and Environmental Activities

Representative (TBC)
Academy of Public Administration under the President of the Republic of Tajikistan

KEYNOTES
Ms. Lyazzat Syrlybaeva and Ms. Cholpon Aitakhunova
Central Asia Youth for Water Network

The Women in Water Management Network in Central Asia and Afghanistan – key achievements, outcomes and plans

Ms. Tais Reznikova
Specialist, Water Initiatives Support Programme, CAREC

Ms. Shohida Tulieva
Senior Project Officer, Basin Management and Focal Point “Gender and Social Equality”, Tajikistan

Ms. Sogol Jafarzadeh
Environmental Affairs Adviser at the Office of the Coordinator of OSCE Economic and Environmental Activities

MODERATOR
Ms. Saule Ospanova
Senior Environmental Affairs Adviser, OSCE

RAPPORTEUR
Ms. Katie Goldie-Ryder
Programme Officer, SIWI

CONCLUDING REMARKS AND THE WAY FORWARD
Ms. Katie Goldie-Ryder
Programme Manager for the Shared Water Partnership, SIWI

Ms. Nune Sakanyan
Founder & President, NGO “Women in Climate and Energy”, Armenia

MODERATOR
Ms. Zukhro Tillokhonova
Research Institute on Hydrometeorology, Uzbekistan

RAPPORTEUR
Ms. Emma Anakhaysan
NGO “Armenian Women for Health & Healthy Environment”, Armenia

SESSION 3: GLOBAL MEDIA ROOM: WOMEN & GIRLS IN SCIENCE MOVING THE WATER CONVERSATION FORWARD (HALL)

SPEAKERS
Ms. Susan Windham-Bannister
President of Association of Women in Science, United States

Ms. Jhyldyzkhan Ysmanova
Director, NGO “Central Asian Alliance for Water”, Member of the Central Asia and Afghanistan Women & Water Association, Kyrgyzstan

REPORT-BACK FROM THE PARALLEL SESSIONS (GREEN ROOM)
Time: 17:30-18:00

CONCLUSIONS AND WAY FORWARD (GREEN ROOM)
Time: 18:00-18:30

WWF Outcome Document
Ms. Alice Bouman
CANSU

Overall discussion (all participants)

MODERATOR
Ms. Nazokat Isaeva
UN Women Office in Tajikistan

Wrap-up
Ms. Khairiniso Yusufi
Chair, National Commission on Population and Development, Tajikistan
CONFERENCE FORUM 3: YOUTH AND CHILDREN WATER FORUM

Time: 06/06/2022 – 09:00-17:00
Venue: Kokhi Nowruz

CO-CONVENERS
UNITED NATIONS CHILDREN’S FUND (UNICEF)
IN PARTNERSHIP WITH EC IFAS, MEWR, WMO, CYS, WYN, WYPW, CAY4W

OPENING SPEECHES
H.E. Mr. Saidzoda Rahim Hamro
Minister of Education, Tajikistan
Mr. Virginijus Sinkevičius
European Commissioner for the Environment, Oceans and Fisheries
Mr. Abdullo Rakhmonzoda
Chairman, Committee of Youth and Sport
Mr. Osama Makkawi
Country Representative, UNICEF Tajikistan

Roadmap to UN 2023 Conference Representative
UN Water

MODERATOR
Mr. Ammar Orakzai
WASH Specialist, UNICEF

COFFEE BREAK AND NETWORKING
Time: 09:35-09:50

WATER CHALLENGES AND POTENTIAL SOLUTIONS -REFLECTIONS FROM YOUTH CHANGE MAKERS AND KEY EXPERTS

The importance of youth engagement in the water sector
Ms. Isabela Battistello Espindola (experienced)
Water Governance Group Co-Coordinator, Youth Water Network

Ms. Farokh Laqa Kakar (youth)
Water Advocate, Young Water Professional and Member of the International Water Association YWP Steering Committee
How working in an international organisation can help to solve local water problems
Ms. Rianna Gonzales (experienced)
Youth & Water Specialist at the Global Water Partnership
Ms. Khouloud Ben Charfi (youth)
Fresh Water Project Officer, WWF North Africa, and WYN Water Governance Group
Youth Challenges in the Water Sector
Ms. Emily Ryan (experienced)
Chair of the International Water Association YWP Steering Committee
Ms. Anisa Abibulloeva (youth)
EC IFAS, Tajikistan, and World Youth Parliament for Water
Role of Youth in Transboundary Water Cooperation
Ms. Cholpon Aitakhunova (experienced)
Regional Co-coordinator, Central Asia Youth for Water
Mr. Alidovar Sodatsairov (youth)
University of Central Asia, Tajikistan, and Central Asia Youth for Water

EXHIBITION BY CHILDREN - WASTE TO RESOURCE - CLIMATE LENS TO WATER SECURITY

INTRODUCTION
Director
Committee of Additional Education
Walk around exhibition, presentations and Q&A

LUNCH
Time: 12:30-13:15
Youth Engagement in the Water Sector - Takeaways from the 4th Asia-Pacific Water Summit
Mr. Mikio Ishiwatari
Special Advisor to the Secretary General, Japan Water Forum

SDG YOUTH TALK ON WASH:
BEST SOLUTIONS FOR ENSURING UNIVERSAL ACCESS TO WATER AND SANITATION FOR ALL
From paper to Pipe - Youth Actions to Substantiate Water and Sanitation Rights
Mr. Shinji Cavalho
Bertha Challenge Fellow, Program Analyst and Water Activist, World Youth Parliament for Water
Water and sanitation business opportunities for young people
Mr. Martin Mawejje
WASH Engineer, Water for People, and Water Youth Network Water Governance Group
WYPW experiences from local chapters, giving local voices a platform to unit
Mr. Afolyayan Juwon Samuel
Chapters Working Group Leader, World Youth Parliament for Water

MODERATOR
Mr. Gijs. J Van
Member, World Youth Parliament for Water, Netherlands
WASH and Youth in Ghana
Mr. Jacob Amengor
International Water Association Youth Leadership Ambassador

WASH and Youth in Central Asia
Mr. Neckbacht Orzu
Member, Central Asia Youth for Water

Role of Youth on Water in Tajikistan with a gender lens
Ms. Mavzuna Azizova
University of Central Asia and Central Asia Youth for Water

Q&A

MODERATOR
Mr. Mohammad Najim Nasimi
National Coordinator, Central Asia Youth for Water

ENTREPRENEURIAL INNOVATION EXEMPLIFIED: MENSTRUAL HEALTH AND HYGIENE

Ms. Sana Lokhandwala
Co-Founder, HER Pakistan

Ms. Patricia Zanella
Co-Founder of Ecociclo Brazil (https://www.linkedin.com/in/patriciazanellassp/)
Entrepreneur

MODERATOR
Ms. Neptune Zaim
Member, Central Asia Youth for Water Afghanistan

COFFEE BREAK AND NETWORKING
Time: 15:45-16:00

PRESENTATION OF THE WATER AND CLIMATE YOUTH DEVELOPMENT PLAN

INTRODUCTION
Mr. Jan Kaiel Guillermo
Water and Climate Coalition, WMO

Selected Youth delegates to present the YDPA
Jonas, Maria, Zainab and Zi Han

PANEL DISCUSSION
Support of UN agencies for YDPA validation with multiple stakeholders
Mr. Johannes Cullmann
Director, WMO
Implementation of YDPA, how can different sectors support
Ms. Noemie Plumier
Advisor to WCC Leaders Panel
Support from the Dutch Government to UNIFY on the way to UN Water Conference 2023
Ms. Lisa Hartog
Dutch Government
Meaningful youth engagement in UN processes Moderatos from UNIFY
Khaled Emam
MGCY
Titilayo
Rebecca

Q&A moderated

THE WATER AND CLIMATE SONG
Written by Aliya Parpishozoda and Malakbozov Tupchi - Music and composition by Avesto - Singing by a youth group from Central Asian countries
Children and Youth from Central Asia

CLOSING SPEECH
Ms. Carolina Tornesi MacKinnon
President, World Youth Parliament for Water

VIRTUAL REALITY EXHIBITION
Walking the Water Experience in Tajikistan
Beyond Borders Media, UNICEF and the Government of Tajikistan

CONTACT PEOPLE
Mr. Osama Makkawi
Country Representative, UNICEF Tajikistan
omakkawi@unicef.org

Mr. Ammar Orakzai
WASH Specialist, UNICEF Tajikistan
aorakzai@unicef.org

Ms. Kelly Ann Naylor
Associate Director WASH, UNICEF HQ
kanaylor@unicef.org
CONFERENCE FORUM 4: FORUM ON WATER AND LOCAL COMMUNITIES AND INDIGENOUS PEOPLES

**Time:** 06/06/2022 – 14:00-18:00

**Venue:** National Library of Tajikistan

**CO-ORGANIZERS**
UNITED NATIONS DEVELOPMENT PROGRAMME (UNDP)
UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION (UNESCO)

**WELCOME PRAYER**
Time: 14:00-14:05

Mr. Viacheslav ‘Slava’ Shadrin
Siberian Aborigen Forum

**PANEL SESSIONS**

**SESSION 1: WELCOME SESSION**

Mr. Sharifjon Jumazoda
Chairman of Committee on Local Development under the President of the Republic of Tajikistan

Mr. Shoimzoda Jamshed
First Deputy Minister of Energy and Water Resources of the Republic of Tajikistan

Mr. Dario Melvia Montalvo
UN Permanent Forum on Indigenous Issues (UNFPII)

Mr. Rodion Sulyandziga (video)
Mr. Hindou Oumarou Ibrahim (video)

**SESSION 2: REGIONAL CHALLENGES**

Region – Asia
Ms. Phan Thi Thu Huong
GEDSI Advisor, Mekong Region Water Governance Program

Mr. Viacheslav ‘Slava’ Shadrin
Siberian Aborigen Forum

Mr. Abdumalik Egemberdiev
Director “Kyrgyz Jayity”

Ms. Veng Many
Kreung Indigenous Peoples community, Cambodia Indigenous Women Association

Region – Africa

Mr. Joram Useb
IPACC Namibia

Region – Americas

Mr. Darío José Mejía Montalvo
Global Hub / IP Food Coalition, Zenu, Colombia / LAC

Regional round-up summary

**MODERATOR**
Ms. Tania Martínez Cruz
Indigenous Peoples Food Systems and Water Expert, FAO

**BREAK**
Time: 16:10-16:30

**SESSION 3: INDIGENOUS PEOPLES AND LOCAL COMMUNITY ENGAGEMENT IN GLOBAL PROCESSES**

Time: 16:30-17:20

Opportunities for engagement – Indigenous Peoples and Local communities Panel Discussion

Representative (TBC)
UN Representatives Panel

Inspirational words

Mr. Rajendra Singh
“Jal Purush, Waterman of India”

**FACILITATOR**
Ms. Yolanda López Maldonado
Researcher in Indigenous Science

**SESSION 4 – MESSAGES TO THE DUSHANBE WATER PROCESS LEADING UP TO THE 2023 UN-WATER CONFERENCE**

Time: 17:20-18:00

Confirmation of draft messages and future inputs

Final words and closing

Mr. Qosim Rohbar
Chairman of Committee on Local Development under the President of the Republic of Tajikistan

**CLOSING PRAYER**
Mr. Viacheslav ‘Slava’ Shadrin
Siberian Aborigen Forum
CONFERENCE FORUM 5: FORUM ON WATER AND MOUNTAINS

Time: 06/06/2022 – 14:00-18:30
Venue: Serena Hotel

CO-ORGANIZERS
UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION (UNESCO)
UNITED NATIONS REGIONAL CENTRE FOR PREVENTIVE DIPLOMACY FOR CENTRAL ASIA (UNRCCA)

REGISTRATION OF PARTICIPANTS, CONNECTION OF ONLINE PARTICIPANTS AND WELCOME COFFEE
Time: 13:00 - 14:00

MASTER OF CEREMONY
Ms. Zulfiya Burkhon
Secretary-General, Tajikistan National Commission for UNESCO

WELCOME AND OPENING REMARKS
Ms. Natalia Gherman
Special Representative of the Secretary-General for Central Asia and Head of the United Nations Regional Center for Preventive Diplomacy for Central Asia (UNRCCA)
Ms. Shamila Nair-Bedouelle
Assistant Director-General for Natural Sciences, UNESCO
Mr. Bakhodur Sheralizoda
Chairman of the Committee on Environmental Protection under the Government of the Republic of Tajikistan

HIGH LEVEL PANEL DISCUSSION “WATER AND MOUNTAINS: WHERE DO WE STAND GLOBALLY?”
Time: 14:30 - 15:40
MODERATOR
UNESCO

SPEAKERS
Mr. Anil Mishra
Chief of Section, UNESCO Water Sciences Division
Mr. Manfred Kaufman
Programme Manager Swiss Agency for Development and Cooperation
Mr. John Pomeroy
Professor at the University of Saskatchewan, Canada
H.E. Mr. Sultan Rahimzoda
Chairman, EC IFAS
Ms. Eva Garcia Balaguer (online)
Mission Officer, Pyrenees Climate Change Observatory

Question for panel discussion from the concept note of the Forum

PLENARY SESSION “STATEMENTS OF CENTRAL ASIAN COUNTRIES”
Time: 15:40 - 16:30
MODERATOR
Mr. Philipp Saprykin,
Deputy Head, UNRCCA

VIDEO
Melting Glaciers of Central Asia

SPEAKERS
Central Asian government institutions on water, climate and environment, on behalf of their delegation/country
Kazakhstan
Kyrgyz Republic
Tajikistan
Turkmenistan (online)
Uzbekistan

Group photo and coffee break

MODERATOR
Mr. Kristine Tovmasyan
Programme Specialist UNESCO office in Almaty

OUTCOME STATEMENT, CONCLUSIONS AND CLOSURE
Wrap-up, adoption of the outcome statement and closure
Buffet dinner
Time: 18:30-19:30

VIDEO
UNESCO projects on Cryosphere

PLENARY SESSION “WATER AND MOUNTAINS: LINKING GLOBAL, REGIONAL and LOCAL PERSPECTIVES”
How sciences contribute to cryosphere monitoring in Tajikistan
Mr. Abdulhamid Kayumov
Professor, Glaciology Centre, Academy of Sciences, Tajikistan
When multi-stakeholders partnership bears fruit: UNESCO projects on Cryosphere in Central Asia
Ms. Natalya Kim,
Project Officer, UNESCO cluster office in Almaty
Climate services for adaptation policies: CROMO-ADAPT project
Mr. Joel Fiddes,
Research Scientist, WSL Institute for Snow and Avalanche Research SLF
Glacier preservation: Ice memory initiative and Pamir project
Ms. Margit Schwikowski-Gigar
Head of research group, Paul Scherrer Institute, Switzerland

MODERATOR
Mr. Kristine Tovmasyan
Programme Specialist UNESCO office in Almaty

Questions and answers, discussion
SIDE EVENTS

SIDE EVENT 1: BUILDING EVIDENCE FOR WATER-RELATED POLICY MAKING: THE SDG 6 POLICY SUPPORT SYSTEM (SDG-PSS)

**Time:** 07/06/2022 – 13:00-14:30  
**Venue:** Building B, Firepace Hall  
**Co-organizers:** United Nations Office for Sustainable Development (UNOSD) and UNESCO International Centre for Water Security and Sustainable Management (UNESCO i-WSSM) in partnership with Hub-countries (Tunisia, Pakistan, Brazil and Republic of Korea)

**Description:** The focus of this side-event will be sharing the experiences of the Hub-countries in using SDG-PSS as a powerful tool for supporting evidence-based policy and decision making to achieve SDG 6. The aims of the proposed side event are perfectly in line with the main themes of the Conference in terms of promoting science-based solutions and tools; improving capacity building, knowledge and education through sharing information and best practices; showcasing successful partnerships by stakeholders at all levels; and strengthening cooperation at different levels by promoting partnership and cross-sectoral approaches. This side event will be co-organized by the United Nations Office for the Sustainable Development (UNOSD), a project office of UN DESA based in Incheon, ROK, and UNESCO International Centre for Water Security and Sustainable Management (UNESCO i-WSSM).

SIDE EVENT 2: CONSEQUENCES OF CLIMATE CHANGE EFFECTS ON WATER SOURCES IN MOUNTAINOUS CENTRAL ASIA

**Time:** 07/06/2022 – 13:00 - 14:30  
**Venue:** Kokhi Somon, New Hall  
**Organizer:** Aga Khan Development Network

**Description:** High mountain areas receive much of their precipitation as snow; this together with melt from glaciers and permafrost, as well as periodic rainfall, comprises the runoff to streams and rivers. The side event will provide a scientific analysis of recent climate trends that drive water availability in the Central Asian region in form of snowmelt, rainfall, glacier melt, permafrost thaw, and the subsurface water regime. Therefore, the side event will provide a perspective on climate complexities causal effects on variability on water sources and anticipated trajectories in mountainous Central Asia, implications of water-related dynamics on the quality of life of indigenous communities: water-food security – energy nexus and hazards, as well as recommendations to expedite implementation of measures to safeguard mountainous communities.

SIDE EVENT 3: THE CONTRIBUTION OF WOMEN TO THE STUDY OF GLACIERS IN TAJIKISTAN

**Time:** 07/06/2022 – 13:00-14:30  
**Venue:** Kokhi Somon, Zarandud Hall  
**Organizer:** State Scientific Institution «Center for the Study of Glaciers NAST»

**Description:** The objectives of the event are involve women in the study of glaciers in Tajikistan, improving the knowledge of women to conduct fundamental research, identification of new innovative ways in the study of glaciers by women, to get acquainted with the achievements of women in the field of studying the glaciers of Tajikistan.
SIDE EVENT 4: GLACIERS AND CLIMATE CHANGE: REGIONAL COOPERATION FOR SUSTAINABLE DEVELOPMENT

**Time:** 07/06/2022 – 13:00-14:30  
**Venue:** Building B, Oval Hall  
**Co-organizers:** Committee for Environmental Protection under the Government of the Republic of Tajikistan, UNDP, European Union Delegation to Tajikistan

**Description:** The countries of Central Asia are striving to mainstream climate change in the national policies and pursue transition to a low-carbon resilient development. All countries in the region have developed national strategies and action plans on climate change, with associated projects on mitigation and adaptation. Therefore, purpose of the side-event is to promote a shared understanding of climate change and resilience concepts and to mainstream climate-fragility risks into water policies and river basin management plans. Supporting water policies and river basin management plans in all three countries to improve sustainable use of water resources in Ferghana Valley.

SIDE EVENT 5: TO ACHIEVE SDGS WITH WATER: SUPPORTING DEVELOPING COUNTRIES’ WATER ACTION THROUGH A GLOBAL EDUCATIONAL PLATFORM

**Time:** 07/06/2022 – 13:00-14:30  
**Venue:** Building 1, Press Conference Hall  
**Organizer:** Korea Water Resources Corporation (K-water)

**Description:** Though securing water is essential to respond to global climate crisis, there are not enough international educational institutions dedicated to the areas of water, energy, and climate change. Considering its importance of capacity building for developing countries in this respect, Korea Water Resources Corporation (K-water) will gather water stakeholders around the world to share practical measures to utilize a global water education platform based on each participant’s financial, governance and information through this side-event.

SIDE EVENT 6: WATER ACTION AGENDA: FROM DUSHANBE 2022 TO NEW YORK 2023

**Time:** 08/06/2022 – 09:30-10:30  
**Venue:** Kokhi Somon, Press Conference Hall  
**Co-organizers:** Tajikistan, The Netherlands, UN DESA and UN-Water

**Description:** In March 2023 the world will come together during the UN 2023 Water Conference convened by the UN General Assembly. The parameters of the outcomes of the UN 2023 Water Conference are described in General Assembly resolution 75/212. The mandated outcome document of the Conference is a summary of its proceedings. This summary will feed into the High-level Political Forum on Sustainable Development in July 2023, in the context of the 2030 Agenda for Sustainable Development, and it will challenge the world community to think of best ways to organize and mobilize the acceleration – and scaling – we need to achieve.
SIDE EVENT 7: SCIENCE AND EVIDENCE-BASED SOLUTIONS TO IMPROVE TRANSBOUNDARY WATER COOPERATION IN SMALL TRANSBOUNDARY TRIBUTARIES OF CENTRAL ASIA

**Time:** 08/06/2022 – 13:00-14:30  
**Venue:** Kokhi Somon, New Hall  
**Organizer:** International Water Management Institute (IWMI)  

**Description:** Since independence, Central Asian countries have made concerted efforts and established regional initiatives and cooperation in the area of interstate water management. While most initiatives have focused on cooperation in large rivers, the sustainable and efficient management of small transboundary tributaries (STTs) within large river basins is equally important. Frequently mentioned challenges to improve transboundary cooperation in STTs are lack of tools, rules and regulations, data sharing and qualified specialists on transboundary water sharing.

SIDE EVENT 8: DIGITAL TOOLS AND E-LEARNING IN TRANSBOUNDARY WATER MANAGEMENT

**Time:** 08/06/2022 – 13:00-14:30  
**Venue:** Building 1, Press Conference Hall  
**Co-organizers:** Organization for Security and Co-operation in Europe (OSCE), Swiss Agency for Development and Cooperation (SDC), International Union for Conservation of Nature (IUCN) and Geneva Water Hub (GWH)  

**Description:** The side-event will explore possibilities where digitalization is used in transboundary water management as a contribution to regional dialogue and cooperation, specifically in areas of monitoring and measuring water use and footprint, as well as early warning systems in water related disasters. The side-event will also serve to launch the e-learning course on Water Diplomacy and Integration of Water Norms in Peacebuilding, developed by the OSCE in partnership with Geneva Water Hub. The overall objective of the e-learning is to provide theoretical and practical tools for integrating sustainable water governance in processes linked to peacebuilding and to increase the capacities of individuals and institutions in using water as an entry point for co-operation and dialogue.

SIDE EVENT 9: GROUNDWATER: MAKING THE INVISIBLE VISIBLE

**Time:** 08/06/2022 – 13:00-14:30  
**Venue:** Kokhi Somon, White Hall  
**Co-organizers:** UN-WATER, IAEA, UNESCO-IHP, IGRAC, UNESCO-WWAP, University College London, IAH  

**Description:** The proposed session will first take stock of the status of the world groundwater resources, as presented in the UN World Water Development Report (WWDR) 2022, entitled “Groundwater: making the invisible visible”. The main findings of the WWDR will be presented during the event. The session will then focus on links between groundwater and climate change, explicitly considering how groundwater contributes to climate change adaptation and mitigation, and to resilience of communities to climate extreme events. Special attention will be given to interactions between the cryosphere and groundwater/aquifers.
SIDE EVENT 10: THE ROLE OF YOUTH IN THE STUDY OF GLACIERS

**Time:** 08/06/2022 – 13:00-14:30  
**Venue:** Kokhi Somon, Zarandud Hall  
**Organizer:** State Scientific Institution «Center for the Study of Glaciers NAST»

**Description:** The objectives of the event are: increasing the role of youth in the study of glaciers in Tajikistan; involvement of youth in the study of glaciers; improving the knowledge and skills of young people to conduct basic research; acquaintance with the achievements of the young in the study of glaciers in Tajikistan.

SIDE EVENT 11: CLIMATE CHANGE, WATER SECURITY AND MIGRATION IN CENTRAL ASIA: A DIALOGUE WITH STAKEHOLDERS AND PARTNERS

**Time:** 08/06/2022 – 13:00-14:30  
**Venue:** Building B, Firepace Hall  
**Organization:** International Organization for Migration

**Description:** According to the Sixth Assessment of the Intergovernmental Panel on Climate Change (IPCC), approximately half of the world’s population experiences severe water scarcity for at least some part of the year due to climatic and non-climatic drivers. Drought is impacting lives and livelihoods by causing land degradation, food insecurity, and reducing agricultural production. With climate change impacting hydrological cycles, pre-existing inequalities and vulnerabilities are exacerbated especially for those relying primarily on natural rainfall patterns for sustaining their well-being and livelihoods.
EXCURSIONS

DUSHANBE CITY

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

“Monday” is the translation of the name of ancient Dushanbe the capital of Tajikistan. At the beginning of the 17th century at the crossroads of Asian roads, a village was formed, where a market was held on Mondays. Time passed, the village grew and soon turned into a regional center, the noisy markets were in full of people and goods, not only one day a week - but the name remained. The first written mention of Dushanbe occurs at the end of 1676.

Modern Dushanbe is a city in which one can feel the breath of the fabulous East, and at the same time it is the cultural, economic and political center of the country. During the years of independence, Dushanbe has literally changed. Over the past 30 years, architecturally remarkable buildings of the National Library, the National Museum of Tajikistan, the cultural complex «Kokhi Navruz», «Kokhi Somon», «Dushanbe Plaza» and a number of other objects have been built in Dushanbe, which have become the pride of the residents of the capital.

Guests of the capital can visit various museums, parks, theaters and see other sights of the city.

KOKHI NAVRUZ

This is the largest complex in Central Asia, which has no analogues and is recognized as a modern touristic miracle. The “Kokhi Navruz” Palace consists of 12 halls, each of which reflects the unique features of national architecture. The patterns and elements of its decorative culture represent the 6000-year history of the culture and civilization of the Tajik people.

NATIONAL MUSEUM OF TAJIKISTAN

The National Museum of Tajikistan was founded on 27 July 2011. Its area is 24,000 m², of which 15,000 m² are dedicated to exhibitions. The museum has 22 exhibition halls, where the best masterpieces of ancestors are exhibited, representing the history and civilization of the Tajik people, including a Hellenistic figurine from Takhti-Sangin, III-IV centuries. BC, clay panel - Kafir-Kala, VII century AD.

A research department has been established at the museum, where the departments of written heritage are located, as well as the exposition departments of nature, antiquity and the Middle Ages, modern and recent history, fine and applied arts.

NATIONAL FLAG PARK

The park is located in the central part of Dushanbe. The layout of the park includes the Flagstaff, an artificial lake with a fountain, wide rectangular alleys with a cascade of fountains, small architectural forms, and sculptures depicting the historical heroes of the Tajik people.

Construction of the flagpole began on 24 November 2010, on the National Flag Day, and the official opening took place on 30 August 2011. The flag of the Republic of Tajikistan is hoisted at a height of 165m and is one of the highest flags in the world. The flag is 30m wide and 60m long.

Program of visiting the sights of Dushanbe June 9, 2022

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>8:00</td>
<td>Gathering in front of the Opera and Ballet Theatre named after S. Aini</td>
</tr>
<tr>
<td>8:30-10:00</td>
<td>Visiting “Kokhi Navruz”</td>
</tr>
<tr>
<td>10:00-11:50</td>
<td>Visiting the National Museum of Tajikistan</td>
</tr>
<tr>
<td>11:50-12:30</td>
<td>Visiting the National Flag Park</td>
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</tbody>
</table>
HISSAR FORTRESS

The Hissar fortress has a 3,000-year history and is included in the UNESCO World Heritage List. The fortress is 20 km away from Dushanbe city.

The Hissar fortress is the summer residence of the Bukhara emirs, built in the XVII and completed in the XIX centuries. During the Civil War of 1918-1933, the fortress was almost completely destroyed. Partially restored in 1982 and restored in 2002.

The fortress with walls 1 m thick, with loopholes for guns and cannons, towered on the slope of a high hill and was guarded by guards. Inside there was a swimming pool and a garden. Opposite the fortress, there was a noisy market square with a caravanserai and many shops. Large staircases and terraces lined with brick led to the main entrance. Unfortunately, they have not survived to this day, as, indeed, the entire building of the palace. The only thing that remains of the fortress is a monumental gate made of burnt brick with two cylindrical towers, between which there is a pointed arch, so most of the gates of Bukhara were built in the XVIII-XIX centuries. But even this fragment looks very majestic and impressive today.

At the end of the 80s of the XX century, a unique historical and cultural reserve was created in Hissar, including the Hissar fortress with an arch (2500 years old), the Registan (the square in front of the fortress), the Old Madrasah (XVI century), the New Madrasah, the Caravanserai (hotel), the Chashmai Mohien Mosque (VIII century), the Mosque «Sangin», Mausoleum «Makhdumi Azam» (XVI century), a historical museum located in the building of the Old Madrasah. There are unique monuments and exhibits (more than 3,200 copies) found during excavations on the territory of the city of Hissar and beyond.

Near this tourist site, there are teahouses - national food outlets that serve national dishes and drinks, two of which guests will be able to visit during the tour.

Program of visiting the Hissar fortress
June 9, 2022

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<tbody>
<tr>
<td>8:00</td>
<td>Gathering in front of the Opera and Ballet Theater named after S. Aini</td>
</tr>
<tr>
<td>8:25-9:00</td>
<td>A trip to Hissar city</td>
</tr>
<tr>
<td>9:00-9:30</td>
<td>Visit the Chaikhana &quot;Melon&quot;</td>
</tr>
<tr>
<td>9:30-10:00</td>
<td>A trip to the Hissar fortress</td>
</tr>
<tr>
<td>10:00-11:00</td>
<td>Visit the Hissar fortress</td>
</tr>
<tr>
<td>11:00-12:00</td>
<td>Visit the resting zone &quot;Sharshara&quot;</td>
</tr>
<tr>
<td>12:00-12:30</td>
<td>Demonstration of tourist and craft opportunities of the city</td>
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<tr>
<td>12:30-14:00</td>
<td>Lunch</td>
</tr>
<tr>
<td>14:00</td>
<td>Return to Dushanbe city</td>
</tr>
</tbody>
</table>
NUREK CITY

The Nurek city is located 70 km southeast of the capital - city of Dushanbe, on the banks of the Vakhsh River. Its area is 394.5 km². The city was founded in 1960 on the site of the village of Nurek as a result of the construction of the Nurek hydroelectric power station. Modern Nurek is a beautiful calm city with beautiful nature, mountains, a mild climate, and clean fresh air. Surrounded by mountains, the city of power engineers - Nurek is strikingly beautiful in the evening when numerous lights from the windows of houses in a moment illuminate the gorge between the mountains. The main pride of Nurek is the record holder of the Guinness Book of Records, the world’s tallest dam standing at the Nurek hydroelectric power station, one of the 30 most powerful hydroelectric power stations in the world.

THE NUREK HPP

The Nurek HPP on the Vakhsh River with an installed capacity of 3,000 MW (nine units of 335 MW each) and an average annual electricity generation of 11.2 billion kWh/year is the largest hydroelectric power station in Central Asia. The design of the hydroelectric power plant began in the 1950s, construction was started in 1961. The construction of the station was announced by the All-Union Komsomol Shock Construction Site. The station was commissioned in 1972, the last unit was commissioned in 1979.

The height of the dam of the station is 300 meters, which makes it the highest bulk dam in the world, the mirror area of the reservoir is 98 km², the volume is 10.5 km³, and the length is about 70 km. Water from the reservoir is used not only to generate electricity but also sent through a special tunnel to irrigate agricultural land.

The Nurek HPP, providing about three-quarters of the country’s total electricity generation, is the flagship of Tajikistan’s energy industry. It is a unique source of green and environmentally friendly energy, which is also exported to neighbouring countries, making a worthy contribution to the efforts of the world community to develop a «green» economy.

The program of visiting the city of Nurek
June 9, 2022

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<td>Gathering in front of the Opera and Ballet Theater named after S. Aini</td>
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<tr>
<td>9:00</td>
<td>Departure to Nurek city</td>
</tr>
<tr>
<td>10:30-11:50</td>
<td>Visit the Nurek HPP</td>
</tr>
<tr>
<td>11:50-12:30</td>
<td>Visit the exhibition of tourist and craft opportunities of city</td>
</tr>
<tr>
<td>12:30-14:00</td>
<td>Lunch</td>
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<tr>
<td>14:00</td>
<td>Return to Dushanbe city</td>
</tr>
</tbody>
</table>
VARZOB GORGE

Varzob gorge is widely known for its unique weather, tourist opportunities and recreation areas. There are many holiday homes, tourist bases, roadside cafes and cottages. The gorge has a dozen side branches – small gorges, including Ovchug, Takob, and Siem. Varzob is beautiful and accessible at all times of the year. The main artery is the Varzob River, each tributary of which has its own gorges. There are thousands of springs, small streams and clean fresh air.

Considering the beautiful and unique nature of the area, in 2000 the Government of the Republic of Tajikistan decided to declare Varzob a «Tourist zone». On the territory of the district, there are shrines of Khoja Sanghok and Khoja Obi Garm, as well as several health, medical, tourist and entertainment places.

KHOJA OBI GARM

The sanatorium «Khoja Obi Garm» is located at an altitude of 1740-1960 meters. The picturesque surroundings of the sanatorium consist of high mountains, where medicinal plants, trees and shrubs, hawthorns and sea buckthorn grow, and many birds live. There are many beautiful waterfalls in the gorge, as well as favorable conditions for recreation. In addition to the mountain climate, one of the main natural factors is warm mineral groundwater.

KOKHI MALIKA

The resting complex «Kokhi Malika» is located in a picturesque corner of the Varzob gorge just 20 km from Dushanbe city. In the Kokhi Malika Complex, you can enjoy the beauties of Tajikistan’s nature, including the river, mountains and waterfall.

The complex also provides good conditions for business meetings, seminars, holidays, banquets, and other events.

Program of visiting the sights of the Varzob
June 9, 2022

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<tr>
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<td>Gathering in front of the Opera and Ballet Theater named after S. Aini</td>
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<tr>
<td>9:00-10:00</td>
<td>Departure to the Varzob gorge</td>
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<tr>
<td>10:00-11:00</td>
<td>Visit the sanatorium &quot;Khoja Obi Garm&quot;</td>
</tr>
<tr>
<td>11:00-11:30</td>
<td>Departure to the Kokhi Malika Complex</td>
</tr>
<tr>
<td>11:30-12:20</td>
<td>Visit the Kokhi Malika Complex</td>
</tr>
<tr>
<td>12:20-12:40</td>
<td>Demonstration of tourist and craft opportunities</td>
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<tr>
<td>12:40-14:00</td>
<td>Lunch</td>
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<tr>
<td>14:00</td>
<td>Return to the Dushanbe</td>
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</tbody>
</table>
ROGUN CITY

Rogun city is located in the eastern part of the Republic of Tajikistan on the banks of the Vakhsh River. The total area of the city is 661 km². The distance from Dushanbe to Rogun city is 110 km. It was founded in 1955 due to the construction of the Vakhsh cascade - several hydroelectric power plants on the Vakhsh River, which also includes the Rogun HPP.

ROGUN HPP

The Rogun HPP is a hydroelectric power plant under construction on the Vakhsh River in Tajikistan, which is part of the Vakhsh cascade of HPPs, being its upper stage. According to the design, the Rogun HPP is a dam-type HPP with a high-rise (335 m) rockfill dam. Upon completion of the project, the hydroelectric dam will be the highest in the world.

The design capacity of the HPP is 3600 MW, and the average annual output is 13.1 billion kWh. Six radial-axial hydraulic units with a capacity of 600 MW each will be installed in the HPP building. The HPP dam should form a large Rogun reservoir with a total volume of 13.3 km³ and a useful volume of 10.3 km³. The reservoir is planned to be used for both energy and irrigation purposes on arid lands with an area of more than 300,000 hectares. This is a unique source of green and environmentally friendly energy, which is also exported to neighboring countries, making a worthy contribution to the efforts of the world community to develop a «green» economy.

Program of visiting Rogun
June 9, 2022

<table>
<thead>
<tr>
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<tr>
<td>8:00</td>
<td>Gathering in front of the Opera and Ballet Theatre named after S. Aini</td>
</tr>
<tr>
<td>9:00-10:00</td>
<td>Trip to the city of Rogun</td>
</tr>
<tr>
<td>10:00-11:30</td>
<td>Visit to the Rogun HPP</td>
</tr>
<tr>
<td>11:30-12:30</td>
<td>Demonstration of the tourist and craft opportunities of the city</td>
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<td>12:30-14:00</td>
<td>Luch</td>
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<tr>
<td>14:00</td>
<td>Return to Dushanbe city</td>
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EXHIBITION

The International Exhibition “Water for Sustainable Development” will be organized in the days of the 2nd High-Level International Conference on the International Decade for Action “Water for Sustainable Development”, 2018-2028.

Dates: 07-08/06/2022

Venue: State Complex “Kokhi Somon”

Theme: “Water for Sustainable Development”

OBJECTIVES

The objective of the exhibition is to promote awareness of the measures taken and progress achieved in the implementation of the International Decade for Action “Water for Sustainable Development” by demonstrating activities carried out and the results achieved, advanced knowledge, best practices and scientific achievements in the field of water resources. The exhibition is also aimed to assist to the further strengthening and development of cooperation among stakeholders, as well as to introduce innovative methods, practices, techniques and technologies of sustainable water resources management. Furthermore, the exhibition is aimed at establishing close business relationships among various stakeholders.

THEME OF THE EXHIBITION

The exhibition will be held under the general theme “Water for Sustainable Development”.

The general slogan for the exhibition is “Water for Sustainable Development”. It will focus on issues of cooperation and partnership in the water sector at the local, regional and international levels, rational use and protection of water resources, water-related disasters risk reduction, impact of climate change on water resources, development of hydropower, introduction of water-saving technologies, etc.
CULTURAL PROGRAMME

DUSHANBE WATER FESTIVAL

Dushanbe Water Festival will be held in Tajikistan on the 6 of June 2022, in the capital’s Park of Culture “Navruzgoh”. This will be a celebration of water as the basis of life, well-being, prosperity, and sustainable development.

The festival is organized by the Government of the Republic of Tajikistan as part of the Second High-Level International Conference on the International Decade for Action “Water for Sustainable Development”, 2018-2028, which will be held from 6 to 9 June 2022 in Dushanbe.

The main goal of the Dushanbe Water Festival is to raise public awareness of the value of water as a vital resource, to taking care and preserve it for future generations. Along with positive messages, the Festival will point out the existing problems and challenges and the need to mobilize efforts to overcome them.

The festival is also aimed at demonstrating the policy and practice of Tajikistan as a leader in promoting water issues on the global agenda, as well as drawing the attention of the world community to the UN 2023 Water Conference, under the chairmanship of the Republic of Tajikistan and the Kingdom of the Netherlands. The UN 2023 Water Conference is expected to be historic and will accelerate action to achieve the water goals of the global Development Agenda.

The Dushanbe Water Festival consists of five components. The program of the Festival includes an exhibition of folk crafts and creativity, an exhibition of dishes of Tajik national cuisine and other countries of the world, an exhibition of various types of drinking water, a concert program with the participation of the country’s leading masters of art, a fashion show of Tajik national clothes and other show programs.

The festival will continue from 18:30 to 21:00 and will provide guests-participants of the conference with an excellent opportunity to get acquainted with the rich history, culture, art, and traditions of the Tajik people, as well as spend a pleasant and interesting evening in a friendly and festive atmosphere.
JOIN US IN DUSHANBE TO RUN FOR WATER!

The #RUN BLUE Global Water Marathon started on the 22 of March on the World Water Day in Australia. RUN BLUE includes 200 marathons worldwide involving over 200 million people and ends on the 22 of March 2023 on the eve of the UN 2023 Water Conference in New York.

The goal of the marathon is to draw the attention of the world community to the growing water issue, motivate and call for action, mobilize efforts to achieve real change on the ground, as well as promote the Water Decade and the UN 2023 Water Conference. It is organized by global activist and marathoner Mina Guli and is supported by many partners, including the Governments of Tajikistan and the Netherlands, as Co-Chairs of this Conference.

The Central Asian part of RUN BLUE started on 10 May 2022 in Muynak city of the Republic of Uzbekistan and ends on the 10 of June in Dushanbe. In Tajikistan, 11 marathons are planned, with a distance of 458.2 km long, along the Amu Darya River and its tributaries in places with difficult geographical conditions, including Lake Sarez and the Fedchenko Glacier, 7 of which have already been completed.

Two Marathons – on 4 and 9 of June 2022 will be held in Dushanbe as part of the Second High-Level International Conference on the International Decade for Action «Water for Sustainable Development» and dedicated to the International Decade «Water for Sustainable Development» and the achievement of SDG6.

This will be a great opportunity for the participants of the Conference to be part of this global campaign and participate in the water run. Participants can run a full marathon (42.2 km) or a symbolic 6 km distance dedicated to SDG6.

The 42.2 km marathon on 4 June will begin at 03:00 am. at the Sarob hotel in Khoja obi garm, and the symbolic part of the 6 km distance at 09:00 am. at the northern gate of the new Istiklol park, st. Said Nosirov, 27 in Dushanbe. Participants can join the marathon, both from the very beginning at 03.00, and at the last distance of 6 km at 09:00 am. This marathon will end at the large waterfall in the Navruzgokh park.

The marathon on 9 June starts at 05:00 am. in Dushanbe near the Hyatt Regency Hotel and will end after passing 42.2 km in the direction of the city of Vahdat. Conference participants can participate in this run, both at a distance of 6 km and at a distance of 42.2 km. For those participants who will run 6 km, transport will be organized to return them to the hotels for subsequent participation in excursions according to the Conference program.

The results of the marathons will be presented within the framework of the Second Dushanbe Conference, as well as the UN 2023 Water Conference in March 2023 in New York.
LOCATION OF BUILDINGS
IN THE STATE COMPLEX KOKHI SOMON

- "Large Plenary Hall" (4th floor).
- "Amphitheater Hall" (1st floor).
- "Zaranjud Hall" (2nd floor);
- "Press Conference Hall" (2nd floor);
- "New Hall" (2nd floor).
- "New Hall" (3rd floor);
- "White Hall" (2nd floor);
- "Oval Hall" (2nd floor).
FLOOR PLANS OF KOKHI SOMON

1st FLOOR

2nd FLOOR

3rd FLOOR

4th FLOOR
MAP WITH EVENT LOCATIONS

[Map showing event locations in Dushanbe, including symbols and labels for various locations such as hotels, restaurants, and landmarks.]
PRACTICAL INFORMATION

VISA SUPPORT

To travel to Tajikistan, participants must obtain a visa, with the exception of citizens of those countries that can enter Tajikistan without a visa on the basis of bilateral and multilateral agreements.

If a visa is required, the Conference Secretariat will send a Visa Support Letter to participants upon request. In this case, the participants will have to fill in the Questionnaire on the website www.visa.gov.tj. Citizens of a number of countries can obtain a visa upon arrival at Dushanbe International Airport. Citizens of all other countries must obtain a visa from the Embassy or Consular office of the Republic of Tajikistan abroad before their departure. Visa for participants of the Conference is issued free of charge.

Participants from certain countries can also obtain an electronic visa (e-visa) prior to departure. In this case, the visa will be paid (the cost of an electronic visa is 30 US dollars) and Participants will have to fill in the Questionnaire on the website www.evisa.tj.

Except for holders of diplomatic and service passports, everyone who enters Tajikistan must fill out a Migration Card upon arrival at the airport, which is stamped by the migration service. Participants must keep the migration card until the time of departure from Tajikistan.

ACCOMMODATION

Participants are responsible for the booking of hotel rooms (official delegations will be accommodated at the Government Guest House). Expenses related to hotel accommodation should be covered by participants, unless otherwise specified. Information on the hotels in Dushanbe is available online.

Information on accommodation of the official delegations will be forwarded to them additionally upon receiving confirmation on participation and composition of the delegation.

SECURITY ISSUES

All participants, exhibitors and media representatives must get badges in order to have access to the Conference venue. Entrance to the “Kohi Somon” venue is only upon submission of the badge. Issuance of badges will take place from 4 to 6 June 2022 from 10:00 until 20:00 at the hotel “Tajikistan” located at Shohtemur Street 22, Dushanbe.

SANITARY AND ANTI-EPIDEMIOLOGICAL MEASURES

Due to continuing spread of COVID-19 in a number of countries throughout the world and in order to prevent the importation of infection into the country, the Ministry of Health and Social Protection of the Population establishes the following requirements for the participants of the Second Dushanbe Water Action Decade Conference to be held on 6-9 June 2022 in Dushanbe crossing the state border of the Republic of Tajikistan:

- a COVID-19 vaccination certificate (electronic or hard copy if available) should be presented at the border check-point; - a medical certificate (PCR test result) on the absence of SARS-CoV-2 valid within 72 hours (electronic or hard version) has to be presented;

AIRLINES

Regular international flights are carried out to Dushanbe International Airport from the following major cities: Almaty, Dubai, Istanbul, Moscow, New Delhi, Novosibirsk, St. Petersburg, Tashkent, etc. More detailed information on international flights is available on the website of the Dushanbe International Airport at: http://airport.tj/into/en/.

ARRIVAL AT THE AIRPORT

Upon arrival at Dushanbe International Airport, pick up of participants (shuttle bus) from the airport to the hotels will be arranged by the Conference Secretariat.
- in some cases, depending on the current situation in the country where the participant arrived from, PCR testing can be carried out at Dushanbe International Airport and other checkpoints across the state border of the Republic of Tajikistan;

- wearing medical protective masks in the venues of the Dushanbe Water Conference events is not mandatory. However, participants may wear masks in mentioned areas if they wish to do so.

Upon departure from the Republic of Tajikistan, participants who need PCR testing can be tested at medical points organized in most hotels in Dushanbe including Hilton, Serena, Hyatt Regency, Tajikistan, Dushanbe, Atlas, Rumi, Grand Hotel, Avesto, Government Residence, Istiqlol, Guliston. In the absence of such points in smaller hotels, participants can approach the points located in the above-mentioned hotels.

LOCAL TRANSPORTATION

Public transport in Dushanbe includes buses, trolleybuses, mini-buses and taxi. Taxi is widely available in the city and relatively low cost.

Transportation of the participants from the hotels “Tajikistan”, “Hyatt Regency Dushanbe”, “Serena”, “Rumi”, “Sheraton” and “Atlas” to the Conference venue and back will be arranged within a fixed timetable.

CURRENCY EXCHANGE

Official currency in Tajikistan is Somoni (TJS). Information about rates is available on the website of the National Bank of Tajikistan (www.nbt.tj).

Currency exchange offices are available in banks, hotels and at the airport. ATMs are available in most banks, hotels and shopping centers.

WEATHER

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

LOCAL TIME

Dushanbe is located on the time zone GMT+5.

TELEPHONE CALLING

To make an international telephone call from Dushanbe, it is necessary to dial international access code, then code of the called country, code of the city and phone number of a called person.

To make an international call to Dushanbe, it is necessary to dial international access code, then code of Tajikistan (992), code of Dushanbe (37) or code of the mobile operator (e.g. 918. 90. 91, 93, etc.) and phone number of a called person. For example: (+992 37) 236 – 06 – 79.

ELECTRICITY

Electrical circuit voltage in Tajikistan 220 V with frequency 50 Hz. Plugs of your electrical equipment, charger may not match the power outlet, therefore, an adaptor will be needed.
ABOUT TAJIKISTAN

Tajikistan is a country in Central Asia which borders on the west and north with Uzbekistan and Kyrgyzstan, on the south with Afghanistan, and on the east with China. Total area of the territory of the Republic is 142,600 km².

Tajikistan is a typical mountainous country with absolute heights from 300 to 7,495 m. 93% of its territory is occupied by mountains. The majority of the population and economic activities of Tajikistan are concentrated on 7% of its territory, in the valleys.

By 1 January 2021, the population of Tajikistan estimated 9.5 million people, 26.4% of which live in cities and 73.6% in rural areas. The average annual population growth is about 2.5% per year.

Tajikistan ranks the first in Central Asia in terms of water resources. More than 80% of the runoff of the Amu Darya and 1% of the Syr Darya River is formed in Tajikistan. In general, it provides 64 km³ per year or 55.4% of the water resources of the Aral Sea basin. The total volume of glaciers of the country is more than 845 km³, underground waters reach 18.7 km³ per year, and lake waters reach 46.3 km³.

With very little oil and gas reserves, difficulties for industrial development of coal fields, Tajikistan possesses vast inexhaustible reserves of hydropower resources. By estimations of experts, these reserves are approximately 527 billion kWh of electricity per year. The potential exceeds three times the existing electricity consumption of the whole of Central Asia. With the efficient use of this potential, the region can be provided with cheap and environmentally clean 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 2021, the population of the city was of about 880,800 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 of 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.
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