

Global Water Partnership Central Asia and Caucasus (GWP CACENA)

Report

For November 2021

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1. Meeting on measures to improve the water resources management system

Date: 11 November 2021

Place: Nur-Sultan, Kazakhstan

Format: offline/online

Organizer: Ministry of Ecology, Geology and Natural Resources of the Republic of Kazakhstan

Participants: water specialists, scientists, representatives of SIC ICWC, Institute of Geography and Water Security, Kazakh Research Institute of Water Management, non-governmental and public organizations, CWP-Kazakhstan

CWP-Kazakhstan Chairman Nariman Kipshakbayev and Deputy Chairman Anara Tleulesova proposed measures to improve water resources management and strengthen the basin management in Kazakhstan. During the discussion, the Ministry of Ecology, Geology and Natural Resources proposed the followings:

- to consider water issues at the Government level, as well as to establish a water council;
- to create the Scientific Center on Water Resources and Water Management Problems;
- making changes to the water industry structure.

Participants supported the proposal of the Ministry as a whole.

2. Meeting on preparation to the Seventh meeting of the Interdepartmental Coordination Council on the National Dialogue on Water Policy of the Republic of Kazakhstan

Date: 25 November 2021

Place: Nur-Sultan, Kazakhstan

Format: offline/online

Organizer: Ministry of Ecology, Geology and Natural Resources of the Republic of Kazakhstan, International Center for Water Assessment

Participants: members of the working group, representatives of interested state bodies of Kazakhstan, scientific institutions, public and international organizations, CWP-Kazakhstan

The meeting discussed issues on ensuring the safety of hydraulic structures, water conservation in irrigated areas, Kazakhstan's participation in global water activities. At the meeting, proposals were developed for the next meeting of the Interdepartmental Coordination Council on NPD, as well as the future Work Plan on NPD.

3. Training "Strengthening the capacity on protection and restoration of freshwater ecosystems in Kazakhstan"

Date: 15-26 November 2021

Format: online

Organizers: Center for Sustainable Development Assistance, CWP-Kazakhstan

Participants: water managers, representatives of local executive bodies, non-governmental organizations and associations, universities and mass media (total: more than 100 people).

To achieve SDG 6.6.1, a pilot project "Integration of freshwater data into decision-making process across the entire sector to improve the protection and restoration of freshwater ecosystems" is being implemented in the Republic of Kazakhstan. The pilot project is being implemented thanks to GWP and Cap-Net, supported by the United Nations Environment Program (UNEP) and the United Nations Development Program (UNDP), led by UNEP-DHI. The participants of the event received comprehensive theoretical knowledge, supported by practical assignments. CWP-Kazakhstan provided consultancy services for the development of the roadmap.

4. Round table "Water security of Central Asia countries"

Date: 23-26 November 2021

Format: online

Organizers: Scientific Information Center of ICWC, RosNIIVKh, EECCA, Expert Platform for Advanced Research on Water Security and Sustainable Development.

The round table was dedicated to the memory of prof. V.A. Dukhovny and was held within the International Scientific and Educational Forum dedicated to the 30th anniversary of independence of the Central Asian countries "Strategic guidelines for the development of Central Asia: history, trends and prospects".

CWP-Kazakhstan Chairman made a presentation "Transboundary water cooperation in Central Asia".

5. Field visit to the head water intake structure of the Irrigation&Drainage system "TUSH"

Date: 12 November 2021

Place: Chu region, Kyrgyzstan

Organizers: CWP-Kyrgyzstan, Kyrgyz National Agrarian University

Participants: Teaching staff, undergraduates and graduates of KNAU, representatives of state and public organizations

Purpose:

- to involve youth in water resources management;
- raise awareness about water resources management, and the role of youth in climate change processes;
- strengthen knowledge on IWRM principles and practical implementation;
- look at the structures and operation of the intake structure, sedimentation tank, earth dam, flow rate and further distribution of the available volume of irrigation water among water users; to demonstrate the methods and technologies of the device for sealing and cement screeds of the bottom of the canal on the spot as well.

The following practical tours were held:

- "Water intake structure" by Associate Professor, Head of the Department Bekboeva R.S.;
- "Excavation work on the construction of a water intake structure" by Lecturer of the Department of GGTS Botokanova B.A.;
- "Irrigation sedimentation tanks for mechanical water purification" by Associate Professor of the Department of GGTS Bayalieva Zh.A.



6. Seminar on strengthening capacity building in the public utility sector of Mongolia

Date: 25 November 2021

Venue: Meeting Hall of Agency of Construction development, Ulaanbaatar city

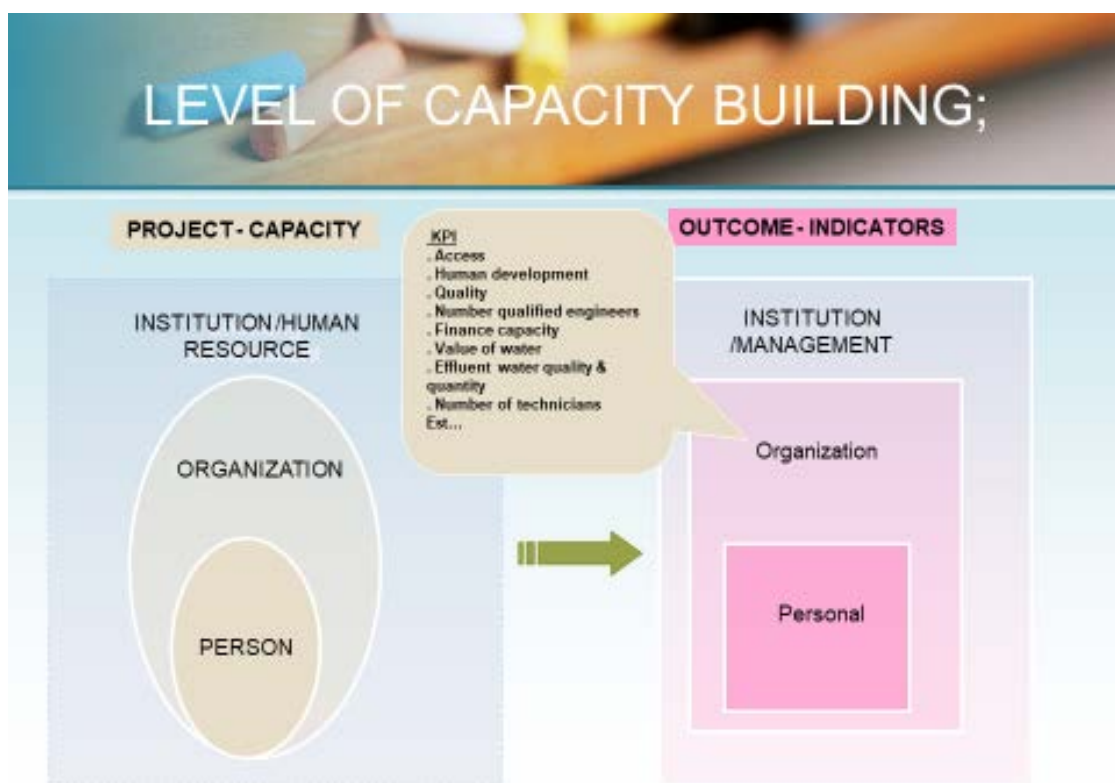
Participants: Ministry of Construction and Urban Development (MCUD), Ministry of Public Insurance (MPI), Water price regulation Committee, Public Utility Company of all aimag/province level, Water agency, CWP-Mongolia, NGOs and professionals of the water and utility sector of Mongolia (total: 65 participants)

The opening speeches were made by Vice Minister of MCUD Mr. Zolboo, head of department of MPI Ms. Er, Director of Water Price regulation committee Mr. Batsuuri, Director-General of Water policy and coordination Department of MET Mr. Myagmar, CWP-Mongolia Chairman Prof. Basandorj.D.

Participants suggested to develop a strategy and mission for 5 years for improvement capacity building in public utility sector of Mongolia. All training organization and international donors and NGOs were invited to the next seminar early new year.

CWP-Mongolia Chairman Prof. Basandorj made a presentation about water specialists graduated from the state and private universities and recommended to monitor training programs and standards as well to focus on online trainings.





7. Seminar-training "Improving water resources management using ground-based observations and GIS modeling"

Date: 29-30 November 2021

Place: Dushanbe, Tajikistan

Organizers: International Water Management Institute (IWMI), Institute of Water Problems, Hydropower and Ecology of the National Academy of Sciences of Tajikistan, International Science and Technology Center (ISTC),

International Union for Conservation of Nature (IUCN), Global Partnership Project on Sustainable Cooperation in Use of Shared Transboundary Waters resources, CWP-Tajikistan.

Participants: Institute of Water Problems, Hydropower and Ecology of the National Academy of Sciences of Tajikistan, State Institution "TajikNIIGiM", the Shakhrinavsky and Tursunzadevsky district water enterprises, academic and industry institutes, as well as masters, graduate students and doctoral students.

This training was aimed at improving the skills of specialists in data collection and river flow modeling using remote sensing techniques, ground-based observations as well as on strengthening institutional coordination. The training familiarized new users with the assessment of Earth observation (EO) datasets for water resources management, hydrological modeling, management of data exchange platforms, strengthening institutional management .

The specific objectives:

- Discussion of data exchange platforms most appropriate for the transboundary context, namely for the Karatag river basin.
- Understanding the role of ground-based observation data for improving water resources management in the Karatag river basin.
- Presentation of initial results from processed data on river flow and water quality.

The training consisted of the following sessions:

Session 1: Role of data exchange platforms: Improving the needs of the Amu Darya and Karatag river basins;

Session 2: The Role of Ground-Based Observations;

Session 3: Data processing: flows and water quality;

Session 4: Strengthening cooperation on transboundary water resources;

Session 5: Cooperation in Karatag: current state;

Session 6: Planning Projects to Improve Data Exchange and Strengthen Collaboration.

The role and importance of forecasting, modeling, database and information system of the water sector for planning and managing water resources for achieving the SDGs until 2030 were considered and discussed.



8. Round table on water education in Uzbekistan

Date: 9 November 2021

Place: Tashkent

Organizers: Ministry of Water Resources of the Republic of Uzbekistan, CWP-Uzbekistan

Participants: directors of 9 colleges, other stakeholders.

The round table was organized within the "National Water Resources Management Project in Uzbekistan".

The purpose of the round table was to discuss a curricula of training course "Water-saving technologies" for colleges at the Ministry of Water resources of Uzbekistan.

At the round table there were presented:

- 1) a report "Maintenance of water-saving technology";
- 2) a textbook for colleges "Technology of water-saving irrigation".

Participants discussed a plan of measures to increase the level of pedagogical activity of colleges in 2022-2024 as well.

9. "Partnership as a driving force for achieving water security" youth events in honor of 25th Anniversary of Global Water Partnership

"Country Water Partnership" NGO in cooperation with Higher Education Institutions in Armenia held 3-day events with interested and active students on November 24-26.



The main focus was the process of water resources management. The events had educational, practical and awareness raising components. The students were introduced to the key components and problems of water resources management.



Based on the information and knowledge gained during the lectures, two hands-on activities were conducted with the students: "From idea to project proposal" group work and "Water and Sustainable Development" role play.

Informative visits were organized for students to Paraqar Community wastewater treatment plant and to the laboratory of "Hydrometeorology and Monitoring Center" SNCO.

The events were held in Yerevan State University and Yerevan State University of Architecture and Construction.



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The Global Water Partnership's vision is for a water secure world. Our mission is to advance governance and management of water resources for sustainable and equitable development.