



### Global Water Partnership Central Asia and Caucasus (GWP CACENA)

## Report For May 2016

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### 1. Seminar on the Technology needs assessment project

On 3 May 2016, CWP-Armenia took part in the seminar on the Technology needs assessment project organized by UNDP and the Ministry of Nature Protection of Armenia in Yerevan. The seminar was aimed on discussion of the first stage project outcomes and the next steps. CWP-Armenia participated in the project as an expert on wastes (mitigation technology) and water resources (adaptation technology).

This project is being implemented to define a priority for technologies that mitigate climate change effects and to adapt the country to them.

The technology needs assessment is based on the ecosystem approach in line with the Convention. Experts and stakeholders have defined 10 water technologies and 12 agriculture ones as well in sevens - in energy, industry, wastes and land use.

CWP-Armenia proposed the alternative technology of wastewater treatment (based on the demo project) as both the mitigation and adaptation measures to climate change impact. This proposal was adopted by different experts for implementation.

The report on the demo project within WACDEP CACENA prepared by CWP-Armenia can be found here: www.cwp.am/publications



### 2. Roundtable "Post-Rio +20"

On 19 May 2016, CWP-Armenia took part in the Roundtable "Post-Rio +20" organized by NGO "Association for sustainable human development".

Ms. Karine Danielyan (the Head of NGO "Association for sustainable human development") has informed participants that on 6 May 2016 there was a meeting of the National Council on Sustainable Development where she presented the Concept of the Strategy of implementation of the "Rio+20" recommendations in Armenia. CWP-Armenia was involved into development of that strategy notably the section "Sustainable management of water resources".

The Concept was adopted and taken into account by the National Council on Sustainable Development.



The roundtable participants

### 3. Project "Development of the Action Plan on Adaptation to Climate Change at the local level"

CWP-Armenia participated in the project "Development of the Action Plan on Adaptation to Climate Change at the local level" within the Climate Forum East under financial support of the Austrian Red Cross.

CWP-Armenia should develop the Action Plans on Adaptation to Climate Change for 3 villages: Basen, Margaovit and Mets Parni.

CWP-Armenia revealed the villages' vulnerability to climate change and developed some measures suitable for adaptation. These measures were discussed with people living in those villages as well with elders and administration of villages to define urgent needs.





### 4. Republican scientific and practical conference "Geographic problems of the Azerbaijan regions"

The Republican scientific and practical conference "Geographic problems of the Azerbaijan regions" organized by the Baku State University was held on May 27, 2016 in Baku. CWP-Azerbaijan was included into the Organizing Committee and the Editorial Staff.

The conference covered a wide range of regional problems, including problems of physical and economic and social geography, eco-geography, hydrology, climatology, remote sensing etc. One of the conference section was devoted to water resources of Azerbaijan and climate change. CWP-Azerbaijan Chair Mamed Asadov made presentation "Fresh water problem and IWRM". GWP CACENA RC member Teimur Osmanov informed audience on GWP role and goals. The collected papers were published under financial support of CWP-Azerbaijan.



### 5. 4th Meeting of Interagency Coordinating Council on National Water Policy Dialogue in Kazakhstan

CWP-Kazakhstan Chair Prof. Nariman Kipshakbaev took part in the 4th Meeting of Interagency Coordinating Council on National Water Policy Dialogue organized by UNECE and the Water Initiative Center on May 30-31, 2016 in Borovoe town, Kazakhstan.

This meeting was attended by representatives of the International Water Relations Bureau of the Transboundary Rivers Department of the Ministry of Agriculture of Kazakhstan, the Sanitary and Hygienic

Control of the Committee on Consumer Protection of Kazakhstan, UNECE, OSCE, UNDP, CAREC, COWI, ECO and public organizations.

The following issues were considered:

1) Kazakhstan's cooperation with neighboring countries on transboundary rivers: Implementation of the UNECE Convention on the Protection and Use of Transboundary Watercourses and International Lakes: establishment of the office of the International Water Assessment Centre, The Eighth Conference of the Parties.

2) Intermediate results of the study of transboundary rivers in Kazakhstan: the Ural River and the Kigach channel.

3) The UNECE activities on the Chu and Talas rivers.

4) The accession of Kazakhstan to the UNECE-WHO Protocol on Water and Health. On setting targets of Kazakhstan under the UNECE-WHO Protocol on Water and Health.

5) Water projects in Kazakhstan within the Programme of Co-operation between UNECE and Kazakhstan.

6) Summary of NPD activities in 2015 and discussion of the Work Plan for 2016.

CWP-Kazakhstan Chairman Prof. Nariman Kipshakbaev spoke on Kazakhstan's cooperation with neighboring countries on transboundary rivers.

### 6. National training "Towards SDGs: ways to promote Water Goal"

CWP-Kazakhstan in cooperation with the Center "Sustainable Development promotion" has organized and conducted the the National Training aiming to strengthen stakeholders' support for implementing SDGs especially SDG6. The training was held on May 19, 2016 in the Conference Hall of the Institute "KazGIPROVODHOZ" in Almaty.

Participants were informed about the following issues:

• Ensuring water security of the Republic of Kazakhstan by improving water resources management up to 2030;

- From MDGs to SDGs prerequisites and prospects of implementation in Kazakhstan;
- Ensuring access to safe drinking water and equitable sanitation and hygiene for all people;
- Increasing the water use efficiency in all sectors of the economy;
- The best available wastewater treatment technologies in Kazakhstan;

• Integrated water resources management at all levels, including through transboundary cooperation. Increasing international cooperation;

Protection and restoration of water ecosystems;

• Alternative sources of water: rain / snow water collection system for irrigation and reducing potable water consumption;

• Involvement of local communities into improving management of water supply and sanitation.

Participants: representatives of governmental, international, industrial, public organizations, scientific research and design institutes and educational institutions. Total: 35 persons, including 16 women (46%).

As a result of the training the recommendations for SDGs implementation in Kazakhstan have been developed:

• To achieve SDGs in Kazakhstan the Ministry of Water Resources should be created firstly;

- Kazakhstan's accession to the Protocol on Water and Health is necessary ;
- Apply to the Parliament of Kazakhstan on initiation of proceedings to raise awareness on SDG6 implementation in Kazakhstan;
- Include a water specialist into the working group of the Parliament ;
- Include discussion of SDG6 into the program of all meetings of the Basin Councils ;
- Recommend water users to plan water use within the basin;
- It is necessary to reduce water consumption in industry, in agriculture, to control channel losses, the irrigation systems should have a drainage;

- Recommend to revise the norms of water use and water consumption;
- Applying the water recycling in the industry and the treated wastewater in agriculture;
- Implement and extend the public monitoring mechanisms;
- Consider possibility for citizens to participate in evaluation of public services quality;
- Recommend to conduct public hearings prior to approval of projects for construction / reconstruction of water supply systems, to make adjustments based on reasonable wishes of beneficiaries;
- Recommend to local executive bodies to take into account public assessment along with other experts at the time of water facilities delivery.

### 7. The Working Group Meeting on CACILM-2

CWP-Kyrgyzstan national consultant on nature resources management and climate change participated in the meeting of the working group on preparing the project "Integrated natural resources management in drought-prone and salt-affected production landscapes in Central Asia and Turkey (CACILM-2)"

The meeting organized by the FAO office in Kyrgyzstan and the Ministry of Agriculture and Melioration of Kyrgyz Republic was held on May 19, 2016 in Bishkek.

Representatives of governmental, international and non-governmental organizations as well consultants (total: 34 people, including 16 women) have discussed current and future activity within preparation of CACILM-2 project.

The following issues were discussed:

- 1. Project's goals and tasks and the plan of measures.
- 2. Review of the political and legislative base.

3. Sustainable management of the mountain grasslands in the Susamyr Valley in Kyrgyzstan; Climate risks management in the Susamyr Valley. Experience, difficulties, possibilities.



### 8. The working group meeting on revision of targets in the context of the Protocol on Water and Health

This meeting organized by UNECE and CWP-Kyrgyzstan was held on May 26, 2016 in the Hotel "Europe" in Bishkek.

The meeting within the UNECE project "Implementation of targets in the context of the Protocol on Water and Health" was aimed to revise targets, terms and coordinating bodies as well actions.

Participants: the State Environmental Protection Agency and Forestry under the Government of the Kyrgyz Republic; Department of Water Resources and Irrigation at the Ministry of Agriculture and Land Reclamation of the Kyrgyz Republic; Department of State Sanitary and Epidemiological Supervision of the Ministry of Public Health of the Kyrgyz Republic; Department of Rural Water Supply under the State Agency of the Kyrgyz Republic for Construction and Regional Development; and representatives of civil society. (total: 15 people, incl. 12 women).

Participants have discussed targets in the nine sections of the Protocol.





### 9. Excursion for schoolchildren to the Water Museum at the Kyrgyz National Agrarian University

On April 25, 2016, CWP-Kyrgyzstan jointly with the Ministry of Public Health of Kyrgyzstan organized the lesson-excursion for schoolchildren from the classical school complex n 38 at the Water Museum of the Kyrgyz National Agrarian University.

This event was aimed to disseminate knowledge about water resources and sanitation in Kyrgyzstan among schoolchildren.

Schoolchildren (total: 15) watched the GWP jubilee celebrations video and listened to a lecture on situation with water resources in the world and in Kyrgyzstan.



### 10. "Eco friendly life" meeting

Prof.Basandorj Davaa (CWP-Mongolia) was invited to the "Eco friendly life" meeting organized by the Premier Minister office in the Government building in Ulaanbaatar on May 24, 2016.

Premier Minister Mr.Saikhanbileg and Mayor of Ulaanbaatar city Mr.Batuul presented the Government program on SDGs: "Eco friendly life". The main goal of the program is to improve the life conditions in Ger (Mongolian traditional house) area and especially access to water supply and sanitation and solid waste management. In the framework of this program the Government of Mongolia will provide 10 mln MNT or 5000\$ loan for each family for improvement of water supply and sanitation for better eco-friendly life.



### 11. Meeting on Impacts of Climate Change on Water, Human Health and Adaptive Capacity

The Meeting on Impacts of Climate Change on Water, Human Health and Adaptive Capacity organized by CWP-Mongolia was held on May 13, 2016 in the Mongolian University of Science and Technology in Ulaanbaatar.

Representatives (total: 23) of various institutions discussed results of WACDEP CACENA implementation in order to select partners working on climate change in Mongolia and provide review of climate change adaptation measures.



### 12. SDG6 and public involvement to sanitation improvement

CWP-Mongolia organized a lesson on SDG6 and public involvement to sanitation improvement for citizens of Ger and Chingeltei districs (total: 110 persons) on May 20, 2016. This lesson was conducted by Prof.Basandorj Davaa in order to raise public understanding about eco impact of sanitation and important role of citizens for improvement of life conditions.



### **13.** Workshop on Monitoring and Evaluation of major indicators of the Climate Investment Fund (CIF)

On May 17,2016, CWP-Tajikistan took part in the Workshop on Monitoring and Evaluation of major indicators of the Climate Investment Fund (CIF) organized within the ADB project "TA 8090. Tajikistan: capacity building on adaptation to climate change". The workshop was held in Dushanbe and took 45 representatives of governmental, international, regional and non-governmental organizations, as well the research and educational institutes.

The workshop was aimed to the following tasks: review of CIF activity in 2015; building potential for climate change adaptation; improving quality of weather /climate / hydrological forecasting services; the project on environmentally sustainable land use and livelihoods in rural areas; progress of the PPCR projects implementation in Tajikistan: climate resilience in the Pyanj River Basin; increasing resilience to climate change in the energy sector (infrastructure); CLIMADAPT; assessment of the main indicators of CIF:1. Extent of integration of climate change in the national planning; 2 . Evaluation of CIF indicator 1 in the key sectors.



### 14. WACDEP CACENA in Tajikistan

CWP-Tajikistan in cooperation with the Hydromeliorative Faculty of the Tajik Agrarian University under support of GWP CACENA has organized the roundtable "Dialogues on adaptation to climate change in water sector and agriculture" within WACDEP CACENA on May 31, 2016, in Dushanbe.

The purpose of the round table - exchange of views, knowledge and experience to mitigate the negative impact of climate change on water and agriculture. Participants discussed water-saving irrigation crop technology in the year-round use of irrigated lands for adaptation to climate change in Tajikistan, as part of WACDEP CACENA.

Representatives of the Tajik Agrarian University, governmental, non-governmental, scientific and educational organizations (total: 30 people) discussed adaptation measures to climate change for water sector and agriculture, climate change impact on water resources in Tajikistan, results of implemented national and international projects on climate change in Tajikistan.



### 15. 1st interactive dialogue on climate change

About 150 representatives of ministries, departments, universities, diplomatic missions, international organizations, as well public organizations (including CWP-Turkmenistan) took part in discussion held in the Conference Hall of the Institute of International Relations at the Ministry of Foreign Affairs of Turkmenistan on April 22, 2016 in Ashgabat.

Experts of UNDP projects dealing with adaptation to climate change in Turkmenistan, as well as in the field of energy conservation and water management were moderators of dialogues. During the interactive dialogue, participants discussed how and what is needed to be changed within the usual way of life for less negative impact on climate.

### 16. Meeting of the Interstate commission for sustainable development of the International fund for saving the Aral Sea

On May 26, 2016, Ashgabat hosted the regular session of the Interstate Commission for Sustainable Development of the International Fund for Saving the Aral Sea organized by the State Committee of Turkmenistan on Environment Protection and Land Resources within the framework of Turkmenistan's chairmanship of the ICSD for 2015-2016.

The forum was attended by CWP-Turkmenistan, delegations from countries of Central Asia, representatives of large international organizations such as the Executive Committee of the International Fund for Saving the Aral Sea, the United Nations Development Program (UNDP), the United Nations Environment Program (UNEP), the UN Regional Centre for Preventive Diplomacy for Central Asia, the United Nations Economic Commission for

Europe, the European Union, the Food and Agricultural Organization (FAO), the Regional Environmental Centre for Central Asia, the Ramsar Convention Secretariat, the German Society for International Cooperation (GIZ), the World Bank, as well as the ongoing related international programs and projects.

### http://tdh.gov.tm/index.php/en/society/17271-2016-05-26-23-20-23

# 17. National Workshop «The Role of the two global water conventions in promoting Integrated Water Resources Management in Uzbekistan and supporting transboundary cooperation in Central Asia»

This national workshop organized by the Uzbek Ministry of Agriculture and Water Resources and the Scientific-Information Center of the Interstate Commission for Water Coordination (SIC ICWC) in Central Asia with the support of the German International Cooperation Agency (GIZ) as part of the EU-Programme "Sustainable Management of Water Resources in Rural Areas in the Republic of Uzbekistan" was held at the Tashkent Institute of Irrigation and Land Reclamation (TILR) on the 11th of May 2016.

CWP-Uzbekistan actively participated in the workshop.

More information: http://sic.icwc-aral.uz/releases/eng/287.htm

#### 18. National workshop on adaptation to climate change in Uzbekistan

On May 20, 2016 GWP CACENA organized the National workshop on adaptation to climate change within WACDEP CACENA in Tashkent.

The main purpose was as followings:

- inform about GWP CACENA goals and mission in Central Asia and Caucasus;
- present the results of WACDER CACENA for 2013-2016;
- consider experience of national and international organizations on climate change adaptation;
- discuss various opinions and possible cooperation.

The workshop was attended by 24 representatives from various organizations: Hydrometeorological Service Centre at the Cabinet of Ministers of the Republic of Uzbekistan, UNDP, ICARDA, IWMI, Tashkent Institute of Irrigation and Melioration, SIC ICWC, Agrarian University, Ecological Movement of Uzbekistan, CACAARI, CACILM project etc.

#### 19. GWP CACENA Regional Secretariat in May 2016

GWP CACENA Regional Secretariat during May promoted consultation process with all CWPs concerning accreditation for four remaining CWPs and work plan and financial conditions for new strategic period 2017-2019.

It was agreed that during next three years CACENA countries will better systemize their efforts for creation water security at all levels using GWP CACENA framework, which promotes power of IWRM as a tool for sustainable development.

Principal attention should be paid to increased financial discipline: it means properly done financial reports from CWPs and Regional Secretariat, the forecasting accuracy and progress update is sufficient and annual audit properly done. GWP CACENA should strengthen decentralized resources mobilization capacity to ensure

that locally raised funds secured at the regional and country levels as a minimum 1:1 to core funds received from GWPO.

### 20. GWP Regional Days

GWP CACENA Chair Nino Chkhobadze, Regional Coordinator VadimSokolov and WACDEP Project Manager Shukhrat Mukhamedjanov took part in the GWP Regional Days, held in Stockholm, Sweden on 10-14 May 2016.

The <u>Change Agenda</u> was a main topic at this year's GWP's annual Regional Days. As the network is preparing the 3-year work programme (2017-19), discussions were held on how the network can stay relevant and continue its mission in the most effective way.

In the last day of Regional Days (14<sup>th</sup>May) there was organized Joint meeting of the Regional Water Partnerships and global TEC. This meeting was addressed to knowledge dimension of 3 years work programme. As a contribution to discussions VadimSokolov, GWP CACENA Regional Coordinator stressed that GWP's knowledge is important to be properly and completely delivered to National level beneficiaries and stakeholders, regional and basin bodies, but also the most important are international agencies and donors who are active in the certain region. To let them to understand better why and how to involve GWP in their programs or provide to us funds. Not always we (and they) are aware how communicate and negotiate. In this relation, is a time for the new TEC paper (with contributions from RWPs) titled:

### HOW TO DEAL WITH GWP

Latest TEC paper 22 is very valuable as starting point – as well as it describes evolution of GWP and IWRM – we must continue this paper into How to deal with GWP.

**About knowledge management topic:** TEC paper 22 presented first overview of water security and gives assessment based on index of GDP, which confuses us in Asia. We have clear concept of water security with its' five dimensions from AWDO-2013. Five dimensions include proper system of indicators for monitoring of their dynamic.

For sure, we have to continue proceed to farther promotion of more clear concept of water security.

Nexus of water-food –energy-ecosystems was mentioned as a first priority for almost all RWPs today. But, still there is some confusion about nexus. I believe, we have to set up clear message to all that:

Nexus is target which has a T-shape dimension: deep vertical observation of problems inside each of water related sector and wide horizontal observation of links/barriers and impacts to each – other among sectors.

If nexus is target – in this case the IWRM as a process could be considered as tool to help overcome the barriers to achieve the target by the optimal way.

Such vision will clear up all existing confusions related to nexus.

#### Some more ideas in brief on other priority topics for Asia:

- Water diplomacy as a too tool for better transboundary cooperation
- How to make International water Law practical for real time and place
- Risk management related to water disasters

- Knowledge base on climate change impact (negative and positive) adaptation and what are Intended Nationally Determined Contributions (INDCs) as a key vehicle through which countries will monitor implementation of the Paris Agreement?
- Support preparation of projects and proposals to access climate funds from the Green Climate Fund, Adaptation Fund and others.
- Food security impact of the world market vulnerability, degradation of irrigation infrastructure, etc.
- Youth program. There are intentions to establish in many RWPs Youth parliaments, but young people want to cover all issues. We must help them to be more concentrated on a few priorities. Maybe, TEC can deliver paper on how to select priorities for young water professionals.



Group photo of the GWP Regional Days participants in Stockholm, May 2016



GWP's regional water partnerships allocated in Asia (SA, SEA, CACENA and China) have met on 12th May 2016 during the Regional Days in Stockholm to adopt the Memorandum of Understanding for Pan-Asian regional cooperation.



GWP CACENA Regional Coordinator Vadim Sokolov's statement for joint meeting of RWPs with GWP TEC



GWP CACENA Chair Nino Chkhobadze and WACDEP ManagerShukhratMukhamedjanovenjoy the Swedish weather in May 2016



Inter-regional communications



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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.