



PEER Project - «Transboundary  
Water Management Adaptation in  
the Amudarya River Basin to  
Climate Change Uncertainties»



## FINAL WORKSHOP PROGRAM

### Transboundary Water Management Adaptation in the Amudarya River Basin to Climate Change and Future Challenges: Tools and Recommendations

31 January – 1 February 2018

Hotel “Golden Valley”, 61 A, Chinobod str., Tashkent

**The main objective of the workshop** is to present and discuss with key stakeholders the PEER Project results on comprehensive assessment of development in the riparian countries of the Amudarya basin and their respective individual zones by 2050 and on adaptation measures to climate change in the basin.

It is also planned to exchange future plans with key national, regional, and international partners in order to undertake coordinated and complementary actions for the improvement of water management and enhancement of cooperation in the Amudarya basin.

#### **Potential participants:**

- concerned ministries and departments, research and educational institutions from the countries of the Amudarya basin,
- regional and basin organizations;
- international organizations and development partners dealing with regional cooperation and water management in the Amudarya basin.

<b>Day 1:</b>	
<b>Opening</b>	
8.30-9.00	<i>Registration</i>
9:00-9:20	<b>Welcome speeches:</b> <ul style="list-style-type: none"> <li>– Sh.Kuchkarov, Head of Department, Ministry of Agriculture and Water Resources, Republic of Uzbekistan</li> <li>– Mr. Gary Robbins, USAID/Uzbekistan Country Director</li> <li>– Prof. V.A.Dukhovniy, Director of SIC ICWC</li> </ul>
<b>Session 1. Water resources management in the Amudarya basin</b>	
9:20 – 9:40	<b>The Amudarya River basin: Current and future challenges</b> Prof. V.A.Dukhovniy, SIC ICWC
9:40 – 10:00	<b>Water management in the Amudarya basin in the context of growing water scarcity</b> M.Ya. Makhramov, G.Tilyavova, BWO Amudarya
10:00 – 10:45	<b>Water management in the Amudarya basin</b> <ul style="list-style-type: none"> <li>– F.Ikromi, water management expert, Ministry of Energy and Water Resources, Republic of Tajikistan</li> <li>– D.Ishankuliev, senior expert of water use division, Ministry of Agriculture and Water Resources of Turkmenistan</li> <li>– Z.Ishpulatov, head of division, Ministry of Agriculture and Water Resources, Republic of Uzbekistan</li> </ul>
10:45 – 11:05	<b>Climate change in the Amudarya basin and its impact on water resources: REMO 0406 scenario, 2050</b> N.A.Agaltseva, UzHydromet
11:05 – 11:30	<i>Questions and discussion</i>
11:30 – 11:45	<i>Coffee-break</i>
<b>Session 2. The main findings of the PEER project</b>	
11:45 – 12:05	<b>PEER project and its comprehensive innovative approach to assessment: introduction to the project, research methodology and tools, scenarios</b> A.Sorokin, SIC ICWC
12:05 – 12:25	<b>Modeling crop water requirements in the Amudarya basin: account of climate impact under the REMO 0406 scenario, 2050</b> G.Solodkiy, G.Stulina, SIC ICWC
12:25 – 12:45	<b>Socio-economic development, including agriculture, in the Amudarya basin and future scenarios</b> Sh. Muminov, SIC ICWC
12:45– 13:15	<i>Questions and discussion</i>
13:15 – 14:30	<i>Lunch</i>

14:30 – 14:45	<b>Modeling planning zone: model (local version, as part of ASBmm), interface, testing</b> R.Khafazov, SIC ICWC
14:45 – 15:15	<b>Results of comprehensive research and scenario modeling: assessment of river flow in the Amudarya basin, alternative modes of operation of reservoirs and HEPS, water balances of rivers and planning zones, water and land productivity for 2020-2050</b> A.Sorokin, D.Sorokin, SIC ICWC
15:15 – 15:35	<b>Positive effects of climate change on crop water requirements and crop water use in the Amudarya basin</b> G.Stulina, SIC ICWC
15:35 – 16:00	<b>Adaptability of the water allocation system in the Amudarya basin to changing conditions: legal and institutional aspects</b> D.R.Ziganshina, SIC ICWC
16:00 – 16:20	<i>Questions and discussion</i>
16:20 – 16:40	<i>Coffee-break</i>
16:40 – 17:00	<b>Adaptation practices and measures on water and climate change in Turkmenistan with focus on the Amudarya basin</b> G.Nurmukhamedova, Director of Analytical Agency “Ynanch-Vepa”, Turkmenistan
17:00 – 17:30	<b>The project web-site and database: structure, content</b> I.Beglov, R.Toshpulatov, I.Ergashev, SIC ICWC
18-30	<i>Dinner</i>
<b>Day 2</b>	
<b>Session 3. Future development and interactions with partners</b>	
9:00 – 9:30	<b>Prospects of water sector development along the Amudarya River: summary for decision makers</b> Prof. V.A.Dukhovniy, SIC ICWC
9:30 – 9:50	<b>Proposals for improvement of water management in the Amudarya basin by territorial branches of BWO Amudarya in the context of climate change and future challenges</b> A.Nazariy, expert, G.Tilyavova, BWO Amudarya
9:50 – 10:10	<b>Water management experience of territorial branches of BWO Amudarya under conditions of water shortage</b> T. Nurmagambetov, Lower Amudarya branch of BWO Amudarya
10:10 – 10:30	<b>Water- related activities in the Amudarya Basin between 2009-2017</b> Caroline Milow, Director, GIZ Program «Tranboundary Water Resources Management in Central Asia»
10:30 – 10:50	<b>Projects for the Amudarya basin under ASBP-3: what has remained to be done?</b> Ibatullin S.R., Director, International Training Center for the Safety of Hydrotechnical Constructions, Kazakhstan

10:50 – 11:05	<b>Main approaches to elaboration of ASBP-4</b> B.Redjepov, Deputy Chairman of IFAS Executive Committee in Turkmenistan
11:05 – 11:25	<i>Questions and discussion</i>
11:25 – 11:45	<i>Coffee-break</i>
11:45 – 12:45	<b>Consequences of climate change and land use and interventions for water and agriculture adaptation in transboundary Amudarya basin</b> O. Anarbekov, IWMI  <b>Programs and plans of other national, regional and international partners</b> (as one wishes)
12:45 – 13:00	<b>Wrap-up</b> Prof. V.A.Dukhovniy
13:00 – 14:00	<i>Lunch</i>
14:00 – 15:30	<b>Training:</b> Handling the planning zone model R.Khafazov, SIC ICWC