

Programme
“IOFS training program within the framework of Water Hub for West African and Central Asian Member Countries”
 Co-organized by the IDB and KazNARU
August 31 - September 1, 2021
Almaty, Kazakstan
(in Russian, French, and English languages)

30 August – Airport Transfer and Hotel accommodation	
31 August - Day 1, Climate change uproots global agriculture	
Central Asia Block (off-line format)	
10:00-10:25	<i>Registration and welcoming coffee</i>
10:25-10:45	<i>Welcome Remarks HE Acad. Tlektes I. Yespolov, Rector of KAZNARU and opening Remarks. H.E. Yerlan A. Baidalet, Director General of IOFS</i>
10:50-11:35	<i>Demonstrations of technologies, know-how and advanced research infrastructure within the premises of the KAZNARU</i>
11:35-12:35	<i>Introduction and visit to the Regional Water Hub Unit at KAZNARU</i>
12:35-13:45	Lunch
Africa Block (hybrid format)	
14:00-14:20	<p>Opening Session <i>Moderators: • HE Tlektes I. Yespolov, Rector of KAZNARU HE Yerlan A. Baidalet, Director General of IOFS</i></p> <p><i>Welcome Remarks:</i></p> <ul style="list-style-type: none"> • HE Sulaymon Rizoi, Minister of Agriculture of the Republic of Tajikistan • HE Yerlan A. Baidalet, Director General of IOFS • HE Tlektes I. Yespolov, Rector of KAZNARU
14:20-15:15	<p>Session 2. Environmental Sensing Solutions, Best practices, and Innovations <i>Moderators: HE Yerlan A. Baidalet, Director General of IOFS Prof. Islamov I. Esenbay, Prorector of KazNARU</i></p> <ol style="list-style-type: none"> 1. <i>Factors effecting water and land use in irrigated areas and measures to improve them.</i> Prof. Tlekulov A.T., KAZNARU, Kazakhstan 2. <i>Land degradation and water erosion in Kyrgyzstan.</i> Dr. Sadykova Damira, Kyrgyz Research Institute of Irrigation, Kyrgyzstan 3. <i>Tajikistan's experience on drip irrigation technology in greenhouse and possible application in Africa.</i> Mr. Nazar Nurzoda, Tajik Academy of Agricultural Sciences (TAAS), Tajikistan
15:15-15:35	Tea/ Coffee <i>(broadcasting materials for African countries)</i>
15:35-17:00	<p>Session 3. Adoption and Improvement of Hydraulic Power Systems in the OIC Region <i>Moderator: HE Yerlan A. Baidalet, Director General of IOFS Prof. Islamov I. Esenbay, Prorector of KazNARU</i></p> <ol style="list-style-type: none"> 1. <i>Water Hub Unit at KazNARU: Research Direction and Results.</i> Dr. Kalybekova E. M. and Dr. Japarkulova E.D., KazNARU, Kazakhstan

	<ol style="list-style-type: none"> 2. <i>Study of the technology of lifting water from wells using a pneumatic vacuum (airlift) pumping unit for pasture irrigation. Prof. Yakovlev A.A., KazNARU, Kazakhstan</i> 3. <i>Application of irrigation technology in arid zones of Tajikistan. Dr. Aminov Sh., Institute of Soil Science and Agrochemistry under the TAAS, Tajikistan</i>
18:30 - 20:30	Reception Dinner (Hosted by the KazNARU)
1 September - Day 2, Hydrology and integrated water resources management	
Central Asia Block (off-line format)	
10:00-13:00	Field trip <i>A visit to a water equipment plant and demonstration plots (demonstration of smart greenhouses, efficient technology of water management and an intensive garden)</i>
13:00-14:00	Lunch
Africa Block (hybrid format)	
14:00-15:30	<p>Session 4. Advanced Solutions in Integrated Water Management in CA Moderators: <i>Dr. Ismail Abdelhamid, IOFS, Kazakhstan; and Prof. Ryabtsev D.A., KazNARU, Kazakhstan</i></p> <ol style="list-style-type: none"> 1. <i>Integrated water resources management in Kazakhstan. Prof. Zaurbek A., KazNARU, Kazakhstan</i> 2. <i>Reform of the water sector and transition to integrated water resources management in the Republic of Tajikistan. Mr. Izzatzoda Idris, Ministry of Water Resources and Energy, Tajikistan</i> 3. <i>Water resources management in Azerbaijan. Ms. Sima Mammadova, Ministry of Agriculture of the Republic of Azerbaijan</i> 4. <i>Use of irrigated land in the Republic of Kazakhstan. Mr. Zhadiger Uly Medet, Ministry of Agriculture of the Republic of Kazakhstan</i>
15:30-15:45	<i>Tea/ Coffee(broadcasting materials for African countries)</i>
15:45-17:00	<p>Session 5. Sustainable Desalination and Current Approaches in Central Asia</p> <ol style="list-style-type: none"> 1. <i>Perspectives for improving the ecological state in the Aral Sea region. Prof. Bekniyaz B.K., International Fund for Saving the Aral Sea (IFAS), Kazakhstan Country Office, Kazakhstan</i> 2. <i>Problems and development perspectives of arable land use in Kazakhstan. Prof. Ryabtsev D.A., KazNARU, Kazakhstan</i> 3. <i>Mobile desalination technology for efficient use of water resources in distant pastures. Dr. Seytastanov, KazNARU, Kazakhstan</i>
17:00-17:30	Certificates awarding
18:30-20:30	<p>Closing Session</p> <ul style="list-style-type: none"> • Collation of Training program and Feedback from participants • Address by IOFS and KazNARU <p>Official dinner</p>
2 September – (Thursday) – Hotel Check out and departure of participants	