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## Regional Workshop on Monitoring, Assessment and Information Sharing in Transboundary Basins in Central Asia

1-2 February 2023

Hotel Hilton Garden Inn, Kabanbai batyr avenue, 15, Astana, Kazakhstan

| <i>Day 1: 1 February 2023, Wednesday</i>  |  |
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| <b>09:45– 10:00</b>   | <b>Registration</b>  |
| <b>Opening session</b>  |  |
| <i>Chairman: Mr. Serikali Mukatayev, Vice-Minister of Ecology and Natural Resources of the Republic of Kazakhstan (tbc)</i> |  |
| <b>10:00 – 10:15</b>  | <p><b>Welcome speeches:</b></p> <ul style="list-style-type: none"> <li>• <i>Mr. Serikali Mukatayev, Vice-Minister of Ecology and Natural Resources of the Republic of Kazakhstan (tbc)</i></li> <li>• <i>Ms. Caroline Milow, GIZ Programme Manager</i></li> <li>• <i>Ms. Iulia Trombitcaia, Environmental Affairs Officer, UNECE</i></li> </ul> <p>Introduction to the goals and objectives of the workshop, <i>Ms. Zhanar Mautanova, Director of IWAC</i></p>   |
| <b>Session 1. Existing practice of monitoring and assessment of water resources in Central Asia</b>                         |  |
| <i>Chairman: Mr. Serikali Mukatayev, Vice-Minister of Ecology and Natural Resources of the Republic of Kazakhstan (tbc)</i> |  |
| <b>10:15 – 11:20</b>  | <p><b>Hydrological monitoring and water quality regulation system in Central Asia, presentations of countries</b></p> <p><i>Ms. Rauza Aschanova, Head of the Department of State Water Cadastre and Hydrological Research of the Department of Hydrology of RSE "Kazhydromet" and Ms. Gulbarshyn Bekbenbetova, Head of the Department of Surface Water Data Analysis of the Department of Environmental Monitoring of RSE "Kazhydromet"</i></p> <p><i>Ms. Mira Elalova, Chief Specialist of the Hydrology Department of the Hydrometeorological Service under the Ministry of Emergency Situations of the Kyrgyz Republic</i></p> <p><i>Mr. Safarkhon Sharofiddinov, Head of the Hydrological Forecasts Department of the Hydrometeorological Forecasts Center of the Agency for Hydrometeorology of the Republic of Tajikistan</i></p> <p><i>Mr. Akmammet Bazarov, Head of the Hydrometeorological Center of the Balkan Velayat of the Hydrometeorological Service of the Ministry of Agriculture and Environmental Protection of Turkmenistan</i></p> <p><i>Ms. Natalia Strakhova, Head of the Hydrological Forecasts Department of the Hydrometeorological Service Center of the Republic of Uzbekistan</i></p> <p><b>Q&amp;A, discussion</b></p> |
| <b>11:20 – 11:40</b>  | <b>Coffee break</b>  |

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| <b>Session 2. Experience of cooperation on monitoring, assessment and exchange of information on water in Central Asia</b>            |  |
| <i>Moderator: tbc</i>   |  |
| <b>11:40 – 13:00</b>  | <p><i>Presentations and interventions of commissions/working groups about cooperation on monitoring, assessment and exchange of information on transboundary basins in Central Asia</i></p> <p><b>Cooperation of the Chu-Talas River basin within the framework of the working group on environmental protection</b>, Ms. Gulmira Satymkulova, Secretariat of Chu-Talas Commission</p> <p><b>Activities of the Kazakh-Uzbek Working group on environmental protection and water quality of the Syr Darya river</b>, Ms. Dana Agybayeva, Chief Expert of the Department of State Metrological and Analytical Control Committee on Environmental Regulation and Control of the Ministry of Ecology and Natural Resources of the Republic of Kazakhstan</p> <p><b>Monitoring of water resources in transboundary rivers of the Aral Sea basin using the SIC ICWC Regional Information System</b>, Mr. Alisher Nazari, Deputy Director, SIC ICWC</p> <p><b>Outcomes of space monitoring of water resources in Kazakhstan</b>, Ms. Ayagoz Aipova, Head of Water Resources Monitoring of JSC “National Company Kazakhstan Garysh Sapary”</p> <p><b>Q&amp;A, discussion</b></p>   |
| <b>13:00 – 14:00</b>  | <b>Lunch break</b>   |
| <b>Session 3. Guidelines for monitoring and assessment of transboundary rivers, lakes and groundwaters under the Water Convention</b> |  |
| <i>Moderator: tbc</i>   |  |
| <b>14:00 – 15:30</b>  | <p><b>Activities under Programme Area “Supporting monitoring, assessment and information-sharing in transboundary basins”</b>, Ms. Anna-Stiina Heiskanen, Co-Chair of the Working Group on Monitoring and Assessment under the Water Convention and Director of the Freshwater Centre, Finnish Environment Institute</p> <p><b>Updated Strategies for Monitoring and Assessment of Transboundary Rivers, Lakes and Groundwaters</b>, Mr. Jos Timmerman, Lead Expert, Ministry of Infrastructure and Water Management, the Netherlands</p> <p><b>Updated Strategies for Monitoring and Assessment of Transboundary Rivers, Lakes and Groundwaters: focus on groundwater</b>, Mr. Arnaud Sterckx, Groundwater Specialist, International Groundwater Resources Assessment Centre (IGRAC)</p> <p><b>Updated Strategies for Monitoring and Assessment of Transboundary Rivers, Lakes and Groundwaters: focus on water information systems and procedures for integrated and shared water data management at transboundary level</b>, Mr. Paul Haener, Expert in Water Information Systems, International Office for Water/International Network of Basin Organizations (INBO) (virtual)</p> <p><b>Q&amp;A, discussion</b></p> |
| <b>15:30 – 16:00</b>  | <b>Coffee break</b>  |
| <b>Group Discussions</b>  |  |
| <i>Moderator: Ms. Iulia Trombitcaia, UNECE</i>  |  |
| <b>16:00 – 17.15</b>  | <p><b>Process to develop a new publication “Good practices and lessons learned in transboundary data exchange”, inputs required and next steps</b>, Ms. Sara Datturi, Associate Environmental Affairs Officer, UNECE (virtual)</p> <p><b>Introduction to work in groups</b><br/> <i>The participants will be divided to groups to discuss cases for the new publication “Good practices and lessons learned in transboundary data exchange”, including following questions:</i></p>  |

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|   | <ul style="list-style-type: none"> <li>- <i>Do you have good practices or good examples in place in your country and basin on transboundary data exchange within shared rivers, lakes or aquifers? If yes, what type of data do you share? How often? Are these activities based on a bilateral or multilateral agreement?</i></li> <li>- <i>What are the challenges that you encounter in sharing data and information on transboundary lakes, groundwaters and rivers? What data and information are not shared?</i></li> <li>- <i>What are the three main lessons learned that you would like to share with your colleagues about transboundary data exchange?</i></li> </ul>   |
| <b>17:15 – 18:00</b>  | <p>Presentation of the results of group work</p> <p>Plenary discussion on good practices and challenges in transboundary data exchange</p> <p>Summing up the outcomes of the first day</p>   |
| <b>Day 2: 2 February 2023, Thursday</b>   |  |
| <b>Session 4. International practice of monitoring, assessment and data exchange in transboundary basins</b>                                    |  |
| <i>Moderator: tbc</i>   |  |
| <b>10:00 – 11:15</b>  | <p><b>Lessons learned on monitoring, assessment and data exchange in the Rhine Basin,</b> <i>Dr. Susanne Brügggen, deputy of the department High-Performance Liquid Chromatography/Non-Target Analytics of the Environment Agency of the federal state of North Rhine-Westphalia, Germany</i></p> <p><b>Transboundary data and information exchange: Finland’s experience,</b> <i>Ms. Anna-Stiina Heiskanen, Director of the Freshwater Centre, Finnish Environment Institute</i></p> <p><b>Challenges and good practices about the exchange of data and information on transboundary groundwater, with a focus on Central Asia,</b> <i>Mr. Arnaud Sterckx, Groundwater Specialist, IGRAC</i></p> <p><b>Exchange of data and information on Pretashkent Transboundary Aquifer,</b> <i>Valentina Rakhimova, Senior Researcher, U.M.Akhmedsafin Institute of Hydrogeology and Geoecology</i></p> <p><b>Q&amp;A, discussion</b></p> |
| <b>11:15 – 11:45</b>  | <b>Coffee break</b>  |
| <b>Session 5. Strengthening regional cooperation on monitoring, assessment and exchange of information on water in Central Asia</b>             |  |
| <i>Moderator: tbc</i>   |  |
| <b>11:45 – 12:30</b>  | <p><i>Presentations and interventions of international and regional organizations on activities related to development of regional cooperation on monitoring, assessment and exchange of information on water in Central Asia</i></p> <p><b>Modernization of hydrometeorological services in Central Asia,</b> <i>Mr. Serik Bekmaganbetov, Representative of the Republic of Kazakhstan in EC IFAS</i></p> <p><b>Project on prevention of accidental pollution of water resources in the Syr Darya river basin,</b> <i>Representative of IWAC</i></p> <p><b>CAREC experience: support for joint water quality monitoring in the Syrdarya River basin and improvement of data management in transboundary basins,</b> <i>Ms. Irina Yugay, Water Initiatives Support Program Specialist, Regional Environmental Centre for Central Asia</i></p> <p><b>Q&amp;A, discussion</b></p>  |
| <b>12:30 – 14:00</b>  | <b>Lunch break</b>   |
| <b>Session 5. Strengthening regional cooperation on monitoring, assessment and exchange of information on water in Central Asia (continued)</b> |  |
| <i>Moderator: tbc</i>   |  |

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| <b>14:00 – 15:00</b>                                      | <p><i>Presentations and interventions of international and regional organizations on activities related to development of regional cooperation on monitoring, assessment and exchange of information on water in Central Asia</i></p> <p><b>Activities, challenges and good practices about the modernization of meteorological services, with a focus on in Central Asia</b>, <i>Mr. Fatih Kaya and Ms. Liudmila Belavina, World Meteorological Organization (WMO) (virtual)</i></p> <p><b>Lessons learned on monitoring, assessment and data exchange in Sava Basin</b>, <i>Mr. Mirza Sarač, International Sava River Basin Commission (virtual)</i></p> <p><b>Experience of Slovakia</b> <i>(tbc)</i></p> <p><b>Towards the United Nations 2023 Water Conference: objectives, process, outcomes</b>, <i>Ms. Iulia Trombitcaia, UNECE</i></p> <p><b>Q&amp;A, discussion</b></p> |
| <p><b>Group discussions</b><br/><i>Moderator: tbc</i></p> |   |
| <b>15:00 – 16:30</b>                                      | <p><b>Working in groups to discuss proposals to strengthen cooperation on the development of monitoring, assessment and data exchange on water in Central Asia</b></p> <p><b>Presentation of the results of work in working groups. Plenary discussion of proposals</b></p>   |
| <b>16:30 – 17:00</b>                                      | <b>Coffee break</b>   |
| <p><b>Closing session</b><br/><i>Moderator: tbc</i></p>   |   |
| <b>17:00 – 17:40</b>                                      | <b>Summing up and closing</b>   |