

INTERNATIONAL ONLINE CONFERENCE

**«THE SILK ROAD OF KNOWLEDGE:
SCIENCE MEETS GREEN POLICY»**

AGENDA

February 23-25, 2022

<http://conference.academic-waters.org/>



DAY I

WEDNESDAY, February 23



14:00 - 14:30

GMT+6, Almaty



OPENING

Chair: Dr. Barbara Janusz-Pawletta, Kazakh-German University, Almaty, Kazakhstan

Co-chair: Mrs. Marhabo Yodalieva, Kazakh-German University, Almaty, Kazakhstan

Welcome Speeches

- Dr. Wolrad Rommel, President of Kazakh-German University, Almaty, Kazakhstan
- Ambassador Hinrich Thölken, Special Advisor for International Climate at the Federal Foreign Office of Germany
- Mr. Olzhas Agabekov, Director of Climate Policy and Green Technologies Department, Ministry of Ecology, Geology and Natural Resources of the Republic of Kazakhstan
- Mrs. Aizhan Skakova, Member of the Committee on Ecology and Nature Management of the Majilis of the Parliament of the Republic of Kazakhstan

Conference overview

Presentation of the Agenda and Green Central Asia Initiative

Dr. Barbara Janusz-Pawletta, Kazakh-German University, Almaty, Kazakhstan

Zoom Links: <https://us06web.zoom.us/j/82100709316?pwd=dzdzaINHRm43VG9IUDFpZGJncGZLQT09>

Meeting ID: 821 0070 9316 Password: 739834



DAY I

WEDNESDAY, February 23



14:30 - 16:00

GMT+6, Almaty



Panel Discussion:

Bridging the gap between science, education and political practice

Moderator: Dr. Caroline Milow, GIZ

- Representatives from Kazakhstan, the Kyrgyz Republic, Tajikistan, Turkmenistan and Uzbekistan - Ministries and State Committees for Environment, Water and related topics (TBD)
- Klaus Tanzberger, Ministry of Economic Cooperation and Development, Division 312 – Central Asia, Afghanistan, Pakistan, Germany
- Harald Köthe, Director, International Centre for Water Resources and Global Change UNESCO Category 2 Centre Secretariat German IHP(UNESCO)/HWRP (WMO) National Committee GEMS/Water Quality Data Centre – GEMStat (UN Environment), Germany
- Dr. Hendrik Meurs, on behalf of: Ministry for Education and Science, Division 212: Cooperation with Eastern Partnership, Russia and Central Asia as well as Division 723: Global Change, Climate Change, Germany

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Meeting ID: 821 0070 9316 Password: 739834



DAY I

WEDNESDAY, February 23



16:30 - 18:00

GMT+6, Almaty



Session I: Climate security: Disaster risk reduction and adaptation

The impacts of climate change on natural hazards and water availability must be well understood, communicated and integrated into decision making and planning. In this workshop we will discuss necessary response strategies including adaptive measures as well as strategies for disaster risk management. Bringing together scientists, policy-experts, and practitioners from the field, we will use this collaborative space to formulate concrete policy solutions and recommendations to be developed into a co-created policy-brief.

Link to Zoom:

[https://us06web.zoom.us/j/82100709316?
pwd=dzdzaINHRm43VG9lUDFpZGJncGZLQT09](https://us06web.zoom.us/j/82100709316?pwd=dzdzaINHRm43VG9lUDFpZGJncGZLQT09)

Meeting ID: 821 0070 9316 / Password: 739834

Chairs

Mrs. Stefanie Wesch, PIK, Germany

Mrs. Janna Rheinbay, PIK, Germany

Dr. Larissa Kogutenko, DKU, Almaty, Kazakhstan

Key-speakers

Prof. Dr. Jürgen Scheffran, Leader Research Group CliSec (Climate Security) ,
University of Hamburg

Presentation of the policy brief by session chairs

Discussion session

Mr. Bakhtiyar Ospanov, Center for Emergency Situations and Disaster Risk
Reduction, Kazakhstan

Dr. Sandugash Ranova, Institute of Geography and Water Security, Kazakhstan

Mrs. Kalashnikova Olga, Central-Asian Institute for Applied Geosciences,
Kyrgyzstan

Mr. Isomiddin Akramov, UNDP, Uzbekistan

Mr. Bakhtibeki Otambekzoda, National Coordinator for GLOFCA project in
Tajikistan



DAY I

WEDNESDAY, February 23



16:30 - 18:00

GMT+6, Almaty



Session II: Satellite data and digitalization for optimizing water distribution in the Aral Sea Basin

The online tool WUEMoCA is based on free satellite data and geoinformation. It shows seasonal levels and trends of technical water use efficiency of irrigation systems for Oblasts in the Aral Sea Basin. In this workshop we will discuss together with scientists, ministries and water management bodies how exactly WUEMoCA can support the monitoring and implementation of interventions to increase water use efficiency. We commonly formulate solutions and recommendations into a co-created policy brief.

Chairs

Prof. Dr. Christopher Conrad, University of Halle-Wittenberg, Germany

Dr. Shavkat Kenjabaev, SIC-ICWC, Uzbekistan

Dr. Dinara Ziganshina, SIC-ICWC, Uzbekistan

Mr. Alexandr Nikolaenko, GIZ, Almaty, Kazakhstan

Dr. Muhammad Usman, University of Halle-Wittenberg, Germany

Dr. Maira Kussainova, DKU, Almaty, Kazakhstan

Introduction of WUEMoCA tool

Prof. Dr. Christopher Conrad, University of Halle-Wittenberg, Germany

Key-speakers & Discussants

Mirobit Mirdadayev, Kazakh Research Institute of Water Management, Kazakhstan

Anna Inozemtseva, USAID Regional Water and Vulnerable Environment Activity, Almaty, Kazakhstan

Shamsiddin Qurbonov, Director of Information Analytical and Resource Center, Ministry of Water Resources, Uzbekistan

Presentation of the policy brief:

Dr. Shavkat Kenjabaev, SIC-ICWC, Uzbekistan

Discussion session

Same as Key-speakers

Link to Zoom:

<https://zoom.us/j/91561890786>

Meeting ID: 915 6189 0786



DAY II

THURSDAY, February 24



14:00 - 15:30

GMT+6, Almaty



Session III: Water resources and water security in Central Asia

This session will focus on the water resources of Central Asia and the security related to it. Topics of this session include, but are not limited to the climate impact assessment on water resources, monitoring tools and datasets in the field of water resources management and hydrological as well as drought forecasting in Central Asia. The topics mentioned above will be complemented with questions related to water security in the region. The outcome of this session is expected to deliver key points to policymakers in the field of water resources and monitoring using the most advanced tools and methods that also serve to adapt to climate change.

Chairs

Dr. Abror Gafurov, GFZ-Potsdam, Germany
Dr. Larissa Kogutenko, DKU, Almaty, Kazakhstan
Dr. Milena Latinovic, GFZ-Potsdam, Germany
Dr. Tilo Schoene, GFZ-Potsdam, Germany

Key-speakers

Prof. Stefanos Xenarios, Graduate School of Public Policy, Nazarbaev University, Nur-Sultan, Kazakhstan
PhD Vadim Sokolov, International Fund for saving the Aral Sea for implementation of the Aral Sea Basin and GEF projects (Agency GEF of IFAS)

Presentation of the policy brief:

Dr. Abror Gafurov, GFZ-Potsdam, Germany

Discussion session

Dr. Djafar Niyazov, Institute of Water Problems, Hydropower and Ecology, National Academy of Science, Dushanbe, Tajikistan.
Mr. Serikzhan Atanov, UNESCO Cluster, Almaty, Kazakhstan
Mr. Murat Suyunbaev, Institute of Water Problem and Hydropower, Bishkek, Kyrgyzstan
Ms. Gavrilenko Nadejda, Center of Hydrometeorological Service of the Republic of Uzbekistan (Uzhydromet)

Link to Zoom:

<https://us06web.zoom.us/j/83479512930?pwd=QTtxVnBpQkRwSisreGFySnkzMXdFdz09>

Meeting ID: 834 7951 2930 / Password: 798482

Closing Remarks



DAY II

THURSDAY, February 24



14:00 - 15:30

GMT+6, Almaty



Session IV: Small scale renewable energy generation

This session is designed to take a new look at the possibilities of developing small-scale generation in Central Asian countries. The demonstration of the positive experience of using small-scale renewable energy generation in Germany and worldwide shows how economic incentives, appropriate business organization and technical support have helped countries to obtain a very high level of electricity production from renewable energy sources. The session will also show the current state of development of small-scale RES in Central Asia.

Link to Zoom:

<https://zoom.us/j/92051592920>

Meeting ID: 920 5159 2920

Chairs

Mr. Kumar Kylychev, Head Energy and Environment, UNDP Kazakhstan

Mr. Kobzev Alexey, Kazakh-German University

Key-speakers

Mr. Yerlan Dairbekov, Policy Expert, UNDP and Ministry of Energy for Renewable Energy

Mrs. Bayan Abylkairova, USAID Power Central Asia

Mrs. Tatiana Vedeneva, Center for Renewable Energy and Energy Efficiency Development, Bishkek, Kyrgyzstan

Presentation of the policy brief

Mrs. Ainur Sospanova, Renewable Energy Association "QAZAQ GREEN", Kazakhstan

Mr. Alexey Kobzev, DKU, Almaty, Kazakhstan

Discussion session

Dr. Alexander Kirjuchin, HTWG Konstanz - University of Applied Sciences, Germany

Dipl.-Ing. Udo Siegfriedt, Deutsche Gesellschaft für Sonnenenergie Landesverband Berlin Brandenburg e.V., Germany

Mr. Parvin Muminov, Resilience cluster, UNDP Tajikistan



DAY II

THURSDAY, February 24



16:00 - 18:00

GMT+6, Almaty



Session V: Knowledge-based soil management for a sustainable ecological and economic development of Central Asia

The multifunctionality of soils (e.g. provision of food, source of genetic resources, mitigation of climate change) makes them as important as water for the well-being of societies. Sustainable and rehabilitative soil management must aim at securing and rehabilitating this multifunctionality for a sound ecological and strong economic development of Central Asia. Prerequisites for this are a revitalization of education in soil science, a sound assessment of the spatio-temporal resolved soil properties and functionalities, and technical and scientific innovation and digitalization. The participants of the session will collectively consider problems and challenges in soil management and formulate possible solutions based on the establishment of a Central Asian Soil Competence Network into a policy brief.

Link to Zoom:

[https://us06web.zoom.us/j/83479512930?
pwd=QTgxVnBpQkRwSisreGFySnkzMXdFdz09](https://us06web.zoom.us/j/83479512930?pwd=QTgxVnBpQkRwSisreGFySnkzMXdFdz09)

Meeting ID: 834 7951 2930 / Password: 798482

Chairs

Dr. Georg Guggenberger, Leibniz University Hannover

Dr. Olga Shibistova, Leibniz University Hannover

Dr. Peter Liebelt, University of Halle-Wittenberg

Dr. Viktoriya Krylova, DKU, Almaty, Kazakhstan

Key-speakers

Prof. Dr. Georg Guggenberger, Leibniz University Hannover

Dr. Shahlo Turdikulova, Ministry of Innovative Development, Republic of Uzbekistan

Dr. Hafiz Muminjanov, Plant Production and Protection Division, Food and Agriculture Organization of the United Nations, FAO, Italy

Dr. Lyudmila Orlova, Non-Commercial Partnership “National Movement for Conservation Agriculture”, Russian Federation

Presentation of the policy brief:

Dr. Olga Shibistova, Leibniz University Hannover

Discussion session

Closing Remarks



DAY II

THURSDAY, February 24



16:00 - 18:00

GMT+6, Almaty



Session VI: Water, sanitation and gender

The session is aimed to have a research-based discussion on the enhancement of accessibility to clean water in Central Asian countries, and develop an understanding of opportunity spaces for innovative developments in clean water systems for drinking and sanitation (WASH) in Central Asian countries. During the session, infrastructural solutions and institutional requirements for water facilities ensuring equitable and inclusive access to clean water and water for sanitation and health needs are examined.

Link to Zoom:

<https://zoom.us/j/92051592920>

Meeting ID: 920 5159 2920

Chair

Dr. Alice Bouman-Dentener, Co-Founder Cansu Global, Royal academy of Science International Trust; Honorary Founding President Women for Water Partnership

Dr. Aliya Tankibayeva, DKU, Almaty, Kazakhstan

Key-speakers

Mrs. Irina Smirnova, Member of the Committee on Finance and Budget of Mazhilis of Parliament of the Republic of Kazakhstan

Presentation of the policy brief

Dr. Aliya Tankibayeva, DKU, Almaty, Kazakhstan

Discussion session

Mrs. Rachel Fisher Ingraham, Independent Consultant, USA

Dr. Bonita B. Sharma, MSSW Department of Social Work, College of Public Policy, The University of Texas at San Antonio

Mrs. Khayriniso Rasulova, PA 'Women and Society', Tajikistan

Mr. Kamiljon Akramov, Ph.D., Senior Research Fellow, Development Strategy and Governance Division International Food Policy Research Institute (IFPRI, CGIAR)



DAY III
FRIDAY, February 25



14:00 - 15:30
GMT+6, Almaty



Session VII: Resource-saving production logistics

The session is organized to point out the new challenges for Kazakhstan and the world regarding new trends in the decarbonization of logistics and its impact research in the Central Asian region to identify critical gaps between the current information field and the demand of different local and international stakeholder groups.

Chairs

Prof. Burghard Scheel, the DKU`s representative for logistics

Key-speakers

Dr. René Pforte, Head of Business Development Department, SVEVIND Group, Germany

Prof. Dr. Zhandos Kegenbekov, Kazakh-German University, Kazakhstan

Dr. Marcel Müller, Institute of Logistics and Material Handling Systems (ILM), Germany

Presentation of the policy brief

Dr. Marat Idrissov, Kazakhstan Industry Development Institute LLP, Kazakhstan

Discussion session

Mr. Tolegen Mukhtar Yersultanuly, Executive Director for Transport Logistics of "KAZLOGISTICS" QazIndustry" (TBC)

Mrs. Gulmira Ismagulova, Zhasyl Damu JSC

Mr. Batyrzhan Tergeussizov, Linde Gas Kazakhstan

Liebherr

Mr. Andrej Rommel, Managing director Liebherr Kazakhstan

Closing Remarks

Zoom link:

[https://us06web.zoom.us/j/82703690934?
pwd=SUQzKytScktERkozY0YwNCs2S0tOdz09](https://us06web.zoom.us/j/82703690934?pwd=SUQzKytScktERkozY0YwNCs2S0tOdz09)

Meeting ID: 827 0369 0934

Password: 211476



DAY III
FRIDAY, February 25



16:00 - 18:00
GMT+6, Almaty



CLOSING SESSION

The closing session will cover the presentation of the thematic sessions' findings to the decision-makers.

Moderator

Ms. Marhabo Yodalieva, Kazakh-German University, Almaty, Kazakhstan

Key Speaker

Prof. Dr. Jakob Lempp, Rhine-Waal University of Applied Sciences / Hochschule Rhein-Waal

Session Briefings from the Thematic Sessions' Chairs

Closing speeches

Mr. Achim Schkade, Head of Division for International Environmental Policy, Biodiversity and Water Diplomacy, Germany

Summing up and conclusion

Dr. Barbara Janusz-Pawletta, Kazakh-German University, Almaty, Kazakhstan

Zoom link:

[https://us06web.zoom.us/j/82703690934?
pwd=SUQzKytScktERkozY0YwNCs2S0tOdz09](https://us06web.zoom.us/j/82703690934?pwd=SUQzKytScktERkozY0YwNCs2S0tOdz09)

Meeting ID: 827 0369 0934

Password: 211476