

# INTERNATIONAL ONLINE CONFERENCE "THE SILK ROAD OF KNOWLEDGE: SCIENCE MEETS GREEN POLICY"

February 22-23, 2024



February 22, 2024

## Welcome and Panel Discussion 13:00-15:00 (GMT+6)

Bridging the Gap between Science, Education, and Political Practice

### Session I. 15:00-16:30 (GMT+6)

Reviving the Aral Sea: Innovations for Sustainable Progress

### Session II. 15:00-16:30 (GMT+6)

Sustainable Land Management in Central Asia and Carbon Benefits

### Session III. 16:30-18:00 (GMT+6)

Hydrogen production in Kazakhstan and Trans-Caspian Hydrogen Transportation

### Session IV. 16:30-18:00 (GMT+6)

Climate Vulnerabilities in Central Asia: Universities and Policy Mainstreaming

February 23, 2024

### Session V. 14:00-15:30 (GMT+6)

GIS Technologies and Modelling Approaches for More Sustainable Management of Natural Resources

### Session VI. 14:00-15:30 (GMT+6)

NEXUS of Shared resources' Management in the Countries of Central Asia

## Closing Session 15:30-16:30 (GMT+6)



[conference.nri@dku.kz](mailto:conference.nri@dku.kz)



<https://srkc.dku.kz>

<b>AGENDA</b>	
<b>International Online Conference</b>	
<b>"The Silk Road of Knowledge: Science Meets Green Policy"</b>	
<b>February 22, 2024, Thursday</b>	
<i>Almaty time</i>	<b>Welcome Session (13:00 – 13:30 Almaty time)</b>
<i>(GMT+6)</i>	<b>International Online Conference "The Silk Road of Knowledge: Science Meets Green Policy"</b>
	Zoom link
	<a href="https://us02web.zoom.us/j/89138678671?pwd=ZzY3UWZobkVQaDdYNXBtanI4TkFEdz09">https://us02web.zoom.us/j/89138678671?pwd=ZzY3UWZobkVQaDdYNXBtanI4TkFEdz09</a> Meeting ID: 891 3867 8671 Passcode: 941483
	Moderators
	<b>Dr. Barbara Janusz-Pawletta</b> , Kazakh-German University (DKU), Kazakhstan <b>Ms. Dana Zhunissova</b> , Kazakh-German University (DKU), Kazakhstan
	Agenda
13.00-13.30	<b>Conference opening remarks</b>  <b>Dr. Wolrad Rommel</b> , Kazakh-German University (DKU), Kazakhstan <b>Ambassador Monika Iwersen</b> , Embassy of the Federal Republic of Germany in Kazakhstan Ministry of Ecology and Natural Resources of the Republic of Kazakhstan ( <i>TBC</i> )
	<b>Panel discussion (13:30 – 15:00 Almaty time)</b>
	<b>Bridging the Gap between Science, Education, and Political Practice</b>
	Date and time
	February 22, 2024, 13:30 – 15:00 Almaty time
	Zoom link
	<a href="https://us02web.zoom.us/j/89138678671?pwd=ZzY3UWZobkVQaDdYNXBtanI4TkFEdz09">https://us02web.zoom.us/j/89138678671?pwd=ZzY3UWZobkVQaDdYNXBtanI4TkFEdz09</a> Meeting ID: 891 3867 8671 Passcode: 941483
	Chair
	<b>Dr. Caroline Milow</b> , German Agency for International Cooperation (GIZ), Germany
13.30-15.00	Agenda
13.30-13.40	Welcome Address
13.40-13.50	Introduction to the Panel Discussion and Objectives
13.50-14.30	Panel Session And Discussion
	<b>Mr. Makhtumkuli Akmuradov</b> , Advisor to the Ministry of Foreign Affairs of Turkmenistan on Environmental and Water Diplomacy <b>Mr. Bolat Bekniyaz</b> , First Vice-Minister of Water Resources and Irrigation of the Republic of Kazakhstan <b>Mr. Jusipbek Kazbekov</b> , Deputy Minister of Ecology, Environmental Protection and Climate Change of the Republic of Uzbekistan <b>Dr. Dinara Ziganshina</b> , Scientific Information Centre of the Interstate Commission for Water Coordination of Central Asia (SIC ICWC) <b>Dr. Abror Gafurov</b> , German Research Centre for Geosciences (GFZ), Germany <b>Dr. Iulii Didovets</b> , Potsdam Institute for Climate Impact Research (PIK), Germany <b>Dr. Bolot Moldobekov</b> , The Central Asian Institute for Applied Geosciences (CAIAG), the Kyrgyz Republic
14.30-14.50	Interactive Discussion on Policy Recommendations Q&A Session
14.50-15.00	Summary of Key Takeaways
	Biographies of speakers available here
	<a href="https://srkc.dku.kz/session/30">https://srkc.dku.kz/session/30</a>

<i>Almaty time</i>	<b>Parallel session (15:00 – 16:30 Almaty time)</b>
<i>(GMT+6)</i>	<b>Session I. Reviving the Aral Sea: Innovations for Sustainable Progress</b>
	Date and time
	February 22, 2024, 15:00 – 16:30 Almaty time
	Zoom link
	<a href="https://us02web.zoom.us/j/89138678671?pwd=ZzY3UWZobkVQaDdYNXBtani4TkFEdz09">https://us02web.zoom.us/j/89138678671?pwd=ZzY3UWZobkVQaDdYNXBtani4TkFEdz09</a> Meeting ID: 891 3867 8671 Passcode: 941483
	Partners
	IFAS
	Chairs
	<b>Ms. Zauresh Alimbetova</b> , The International Fund for Saving the Aral Sea (IFAS), Kazakhstan <b>Ms. Dinara Seidazimova</b> , Kazakh-German University (DKU), Kazakhstan
15.00-15.30	Agenda
	Key speakers <b>Mr. Bolat Bekniyaz</b> , First Vice-Minister of Water Resources and Irrigation of the Republic of Kazakhstan <b>Dr. Galina Stulina</b> , Scientific-Information Center Interstate Commission for Water Coordination of Central Asia ( SIC ICWC)
	Policy brief <b>Ms. Maria Zadneprovskaya</b> , The International Fund for Saving the Aral Sea (IFAS), Kazakhstan
	Discussants <b>Mr. Timur Mavlyanov</b> , Uzbekhydrogeology, Uzbekistan <b>Mr. Vadim Yapiyev</b> , Nazarbayev University (NU), Kazakhstan <b>Mr. Mavlon Hokimalizoda</b> , The International Fund for Saving the Aral Sea (IFAS), Tajikistan <b>Mr. Alauatdin Mambetkarimov</b> , The International Fund for Saving the Aral Sea (IFAS), Nukus Branch, Uzbekistan
	Policy brief available here
	<a href="https://drive.google.com/drive/folders/1hniSFSSjoXtXSd0Ro4fy1IPr92fuZ3XJ?usp=drive_link">https://drive.google.com/drive/folders/1hniSFSSjoXtXSd0Ro4fy1IPr92fuZ3XJ?usp=drive_link</a>
	Biographies of speakers available here
	<a href="https://srkc.dku.kz/session/31">https://srkc.dku.kz/session/31</a>
<i>Almaty time</i>	<b>Parallel session (15:00 – 16:30 Almaty time)</b>
<i>(GMT+6)</i>	<b>Session II. Sustainable Land Management in Central Asia and Carbon Benefits</b>
	Date and time
	February 22, 2024, 15:00 – 16:30 Almaty time
	Zoom link
	<a href="https://us06web.zoom.us/j/83082559672?pwd=9qNsYr8CabQ7gHasArap9ZVrHmZ3SH.1">https://us06web.zoom.us/j/83082559672?pwd=9qNsYr8CabQ7gHasArap9ZVrHmZ3SH.1</a> Meeting ID: 830 8255 9672 Passcode: 764562
	Partners
	UNCCD, IPBES, DGB Group, CAREC
	Chairs
	<b>Mr. Rieks Bosch</b> , Climate Change Expert, the Netherlands <b>Mr. Alexey Kobzev</b> , Kazakh-German University (DKU), Kazakhstan
15.00-15.30	Agenda
	Key speakers <b>Ms. Xiaoxia Jia and Ms. Olga Andreeva</b> , United Nations Convention to Combat Desertification (UNCCD) Secretariat Science Team <b>Mr. Nicolas Wall</b> , Dutch Green Business (DGB Group), the Netherlands
	Policy brief <b>Mr. Rieks Bosch</b> , Climate Change Expert, the Netherlands

	<p>Discussants  <b>Dr. Axel Paulsch</b>, Intergovernmental Platform for Biodiversity and Ecosystem Services, Germany  <b>Mr. Vladimir Grebnev</b>, Regional Environmental Centre for Central Asia (CAREC)  <b>Mr. Georgyi Safonov</b>, (TBC)  <b>Dr. Kristina Toderich</b>, The Regional Program for Sustainable Agricultural Development in Central Asia and Caucasus (TBC)</p>
	Policy brief available here
	<a href="https://drive.google.com/drive/folders/1hnisFSSjoXtXSd0Ro4fy1IPr92fuZ3XJ?usp=drive_link">https://drive.google.com/drive/folders/1hnisFSSjoXtXSd0Ro4fy1IPr92fuZ3XJ?usp=drive_link</a>
	Biographies of speakers available here
	<a href="https://srkc.dku.kz/session/32">https://srkc.dku.kz/session/32</a>
<i>Almaty time</i>	<b>Parallel session (16:30 – 18:00 Almaty time)</b>
<i>(GMT+6)</i>	<b>Session III. Hydrogen production in Kazakhstan and Trans-Caspian Hydrogen Transportation</b>
	Date and time
	February 22, 2024, 16:30 – 18:00 Almaty time
	Zoom link
	<a href="https://us02web.zoom.us/j/83257877048?pwd=TWtXeG1ZYmILL2w5WDhWRm5sMEtMUT09">https://us02web.zoom.us/j/83257877048?pwd=TWtXeG1ZYmILL2w5WDhWRm5sMEtMUT09</a> Meeting ID: 832 5787 7048 Passcode: 074692
	Partners
	H2-Diplo Office Astana (GIZ), Kazakhstan
	Chairs
	<b>Mr. Alexey Kobzev</b> , Kazakh-German University (DKU), Kazakhstan <b>Mr. Manuel Andresh</b> , Head of the H2-Diplo Office Astana (GIZ), Kazakhstan
16.30-18.00	Agenda
	Key speakers <b>Mr. Gumar Sergazin</b> , Ministry of Energy of the Republic of Kazakhstan (TBC) <b>Dr. Sebastian Timmerberg</b> , Hamburg University of Applied Sciences (HAW Hamburg), Germany <b>Dr. Saule Zholdayakova</b> , KMG Engineering, Kazakhstan
	Policy brief <b>Mr. Manuel Andresh</b> , H2-Diplo Office Astana (GIZ), Kazakhstan
	Discussants <b>Mr. Yury Melnikov</b> , United Nations Economic Commission for Europe (UNECE) <b>Dr. Rainer Sawatzki</b> , Hamburg University of Applied Sciences (HAW Hamburg), Germany (TBC) <b>Mr. Nurbek Yessetov</b> , H2-Diplo Office Astana (GIZ), Kazakhstan <b>Ms. Anna Kim</b> , AHK Central Asia <b>Mr. Abylaikhan Soltanayev</b> , DKU, Kazakhstan
	Policy brief available here
	<a href="https://drive.google.com/drive/folders/1hnisFSSjoXtXSd0Ro4fy1IPr92fuZ3XJ?usp=drive_link">https://drive.google.com/drive/folders/1hnisFSSjoXtXSd0Ro4fy1IPr92fuZ3XJ?usp=drive_link</a>
	Biographies of speakers available here
	<a href="https://srkc.dku.kz/session/33">https://srkc.dku.kz/session/33</a>
<i>Almaty time</i>	<b>Parallel session (16:30 – 18:00 Almaty time)</b>
<i>(GMT+6)</i>	<b>Session IV. Climate Vulnerabilities in Central Asia: Universities and Policy Mainstreaming</b>
	Date and time
	February 22, 2024, 16:30 – 18:00 Almaty time
	Zoom link

	<a href="https://us06web.zoom.us/j/85965095441?pwd=9LTYMJbjI9YYajjH3TlozI6CnmXV4p.1">https://us06web.zoom.us/j/85965095441?pwd=9LTYMJbjI9YYajjH3TlozI6CnmXV4p.1</a> Meeting ID: 859 6509 5441 Passcode: 671514
	Chairs
	<b>Dr. Saltanat Zhakenova</b> , Kazakh-German University (DKU), Kazakhstan <b>Dr. Viktoriya Krylova</b> , Kazakh-German University (DKU), Kazakhstan
16.30-18.00	Agenda
	Key speakers <b>Mr. Talimjan Urazov</b> , World Bank (WB), Kazakhstan <b>Ms. Saule Sabiyeva</b> , Ministry of Ecology and Natural Resources of the Republic of Kazakhstan <b>Dr. Nodir Djanibekov</b> , Leibniz Institute of Agricultural Development in Transition Economies, Germany <b>Dr. Arsen Tleppayev</b> , Kazakh-German University (DKU), Kazakhstan
	Policy brief <b>Dr. Arsen Tleppayev</b> , Kazakh-German University (DKU), Kazakhstan
	Discussants <b>Prof. Saken Baisholanov</b> , Institute of Geography and Nature Management, International Scientific Complex "Astana", Kazakhstan <b>Prof. Shavkat Pulatov</b> , Tajik Agrarian University named Shirinshoh Shotemur, Tajikistan
	Policy brief available here
	<a href="https://drive.google.com/drive/folders/1hniSFSSjoXtXSd0Ro4fy1IPr92fuZ3XJ?usp=drive_link">https://drive.google.com/drive/folders/1hniSFSSjoXtXSd0Ro4fy1IPr92fuZ3XJ?usp=drive link</a>
	Biographies of speakers available here
	<a href="https://srkc.dku.kz/session/34">https://srkc.dku.kz/session/34</a>
<b>International Online Conference</b> <b>"The Silk Road of Knowledge: Science Meets Green Policy"</b>	
<b>February 23, 2024, Friday</b>	
<i>Almaty time</i>	<b>Parallel session (14:00 – 15:30 Almaty time)</b>
<i>(GMT+6)</i>	<b>Session V. GIS Technologies and Modelling Approaches for More Sustainable Management of Natural Resources</b>
	Date and time
	February 23, 2024, 14:00 – 15:30 Almaty time
	Zoom link
	<a href="https://us06web.zoom.us/j/84751158035?pwd=6FGalZ0aQM9ikSw0BBBF9hnyynlPWj.1">https://us06web.zoom.us/j/84751158035?pwd=6FGalZ0aQM9ikSw0BBBF9hnyynlPWj.1</a> Meeting ID: 847 5115 8035 Passcode: 654249
	Partners
	CASIB, Martin Luther University Halle-Wittenberg
	Chairs
	<b>Dr. Peter Liebelt</b> , Representative office of Martin Luther University Halle-Wittenberg, CASIB <b>Dr. Maira Kussainova</b> , Kazakh-German University (DKU), Kazakhstan
14.00-15.30	Agenda
	Key speakers <b>Dr. Catalin Stefan</b> , Technical University Dresden, Germany <b>Ms. Klara Dzhakypbekova</b> , University of Bonn, Germany <b>Dr. Muhammad Usman</b> , Martin Luther University Halle-Wittenberg, Germany
	Policy brief <b>Dr. Peter Liebelt</b> , Representative office of Martin Luther University Halle-Wittenberg, CASIB
	Discussants <b>Dr. Baxtiyor Pulatov</b> , Research Institute of Environment and Nature Conservation Technologies, Uzbekistan <b>Dr. Anar Mukhtarova</b> , The National Academy of Sciences of the Republic of Kazakhstan <b>Dr. Yelena Shevchenko</b> , Innovation Observatory, the World Bank Project, Kazakhstan
	Policy brief available here



	<a href="https://drive.google.com/drive/folders/1hnisFSSjoXtXSd0Ro4fy1IPr92fuZ3XJ?usp=drive_link">https://drive.google.com/drive/folders/1hnisFSSjoXtXSd0Ro4fy1IPr92fuZ3XJ?usp=drive_link</a>
	Biographies of speakers available here
	<a href="https://srkc.dku.kz/session/35">https://srkc.dku.kz/session/35</a>
<i>Almaty time</i>	<b>Parallel session (14:00 – 15:30 Almaty time)</b>
<i>(GMT+6)</i>	<b>Session VI. NEXUS of Shared Resources' Management in the Countries of Central Asia</b>
	Date and time
	February 23, 2024, 14:00 – 15:30 Almaty time
	Zoom link
	<a href="https://us02web.zoom.us/j/84492406100?pwd=NCTrRVNMVTA3Z2Vkb2pycXlaY3JQUT09">https://us02web.zoom.us/j/84492406100?pwd=NCTrRVNMVTA3Z2Vkb2pycXlaY3JQUT09</a> Meeting ID: 844 9240 6100 Passcode: 214338
	Partners
	UNECE, OECD, SIC ICWC, IFAS Kazakhstan, CAREC, FAO, New Energy Advancement Hub Expert in Central Asia
	Chair
	<b>Dr. Zharas Takenov</b> , Kazakh-German University (DKU), Kazakhstan
14:00-15:30	Agenda
14:05-14:15	Policy brief <b>Dr. Zharas Takenov</b> , Kazakh-German University (DKU), Kazakhstan
14:15-14:50	Key speakers <b>Mr. Takayoshi Kato</b> , Organisation for Economic Co-operation and Development (OECD), France <b>Dr. Dinara Ziganshina</b> , Scientific Information Centre of the Interstate Commission for Water Coordination of Central Asia (SIC ICWC) <b>Ms. Tamara Kutonova</b> , United Nations Economic Commission for Europe (UNECE), Switzerland
14:50-15:30	Discussants <b>Dr. Makhmud Shaumarov</b> , Food Agriculture Organisation (FAO), Turkey <b>Ms. Maria Zadneprovskaya</b> , The International Fund for Saving the Aral Sea (IFAS), Kazakhstan <b>Mr. Vladimir Grebnev</b> , Regional Environmental Centre for Central Asia (CAREC) <b>Dr. Maria Stepanova</b> , New Energy Advancement Hub Expert in Central Asia, Kazakhstan
	Policy brief available here
	<a href="https://drive.google.com/drive/folders/1hnisFSSjoXtXSd0Ro4fy1IPr92fuZ3XJ?usp=drive_link">https://drive.google.com/drive/folders/1hnisFSSjoXtXSd0Ro4fy1IPr92fuZ3XJ?usp=drive_link</a>
	Biographies of speakers available here
	<a href="https://srkc.dku.kz/session/36">https://srkc.dku.kz/session/36</a>
<i>Almaty time</i>	<b>Closing Session (15:30 – 16:30 Almaty time)</b>
<i>(GMT+6)</i>	<b>International Online Conference "The Silk Road of Knowledge: Science Meets Green Policy"</b>
	Zoom link
	<a href="https://us02web.zoom.us/j/84492406100?pwd=NCTrRVNMVTA3Z2Vkb2pycXlaY3JQUT09">https://us02web.zoom.us/j/84492406100?pwd=NCTrRVNMVTA3Z2Vkb2pycXlaY3JQUT09</a> Meeting ID: 844 9240 6100 Passcode: 214338
	Moderators
	<b>Dr. Barbara Janusz-Pawletta</b> , Kazakh-German University (DKU), Kazakhstan <b>Ms. Dana Zhunissova</b> , Kazakh-German University (DKU), Kazakhstan
15.30-16.30	Agenda
15.30-16.05	Session Briefings of the Thematic Sessions
16.05-16.15	Q&A and Discussion
16.15-16.30	Closing Remarks