

## 5th Tashkent Water Security Lectures

### Integration of scientific knowledge on water and land resources into policy dialogue on climate change adaptation in Central Asia



**Date:** 15 December 2022, 09:00 (Germany Time)

**Format:** Hybrid (online and offline)

**Venue:** German Research Centre for Geosciences, Potsdam, Germany

Telegrafenberg Haus H, Hörsaal



**Meeting-ID: 651 8434 1635 / Kenncode: 044789**

<https://gfz-potsdam-de.zoom.us/j/65184341635?pwd=c0x3cDVOYVhLUm95VVRUMhzeWlJQT09>

#### Background

Climate change will have significant impacts on water resources in Central Asia. Glaciers and snow in the mountains of Pamir and Tian Shan are melting faster than expected and this may lead to negative consequences in the region. Therefore, it is important to conduct scientific studies to quantify the impacts and understand the expected changes in order to develop adaptation measures.

Considering this challenge, the Green Central Asia Program was launched in 2020, aims at integrating scientific knowledge on climate, water, and land resources into policy dialogue on climate change adaptation in Central Asia. The Green Central Asia Program is financed by the Federal Foreign Office of Germany.

The Tashkent Water Security Lectures (TWSL) was launched in the frame of the Green Central Asia Program as a platform to discuss climate change related problems among different actors (researchers, policy makers and stakeholders). Due to the pandemic situation in the past years, a series of Tashkent Water Security Lectures was organized as an online event. Considering current situation, the fifth Tashkent Water Security Lectures is planned as a hybrid event (online and in-person participation).

Our aim from the fifth Tashkent Water Security Lectures is to bring policy makers and scientific organizations together to minimize potential gaps in communicating climate change and related challenges in water and agricultural sector. Among others, we would like to understand the expectations of the policy level from the scientific community in developing climate change adaptation measures in the frame of this TWSL.

### *Preliminary Program*

**8:30 - 9:00 Registration**

**9:00 - 9:30 Opening and welcome speeches**

- Dr. Ludwig Stroink  
Head "Projects & International Affairs" - Executive Board of the Helmholtz Centre Potsdam
- Ms. Karin Marmsoler  
Division 408 – Foreign Policy on Climate Change and Security, Water Diplomacy, Federal Foreign Office Germany
- Dr. Oliver Bens  
Co-Director CAIAG, GFZ Potsdam, Germany
- Prof. Abdulkhakim Salokhiddinov  
Vice-Rector – TIIAME National Research University, Uzbekistan
- Embassy Representatives of Central Asian Countries
  - Embassy of Kazakhstan
  - Embassy of Kyrgyzstan
  - Embassy of Tajikistan
  - Embassy of Turkmenistan
  - Embassy of Uzbekistan

### **Main session**

- 9:30 – 9:45 Dr. Caroline Milow (online)  
Programme Manager Green Central Asia, Deutsche Gesellschaft für internationale Zusammenarbeit (GIZ), Tashkent, Uzbekistan
- 9:45 – 10:00 Dr. Abror Gafurov  
Green Central Asia, CAWa-Green Project Coordinator, GFZ German Research Centre for Geosciences

*Integrating scientific knowledge  
on water resources into policy  
dialogue on climate change  
adaptation in Central Asia*

10:00 - 10:15 Dr. Paula Romanovska Potsdam Institute for Climate Impact  
*Introduction to the Research (PIK)*  
*ClimateImpactsOnline*

10:15 – 10:30 Dr. Tilo Schöne GFZ Potsdam, Green Central Asia,  
*Geomonitoring - Support for Decision CAWA-Green Project*  
*Making*

**10:30 – 11:00 Coffee break and networking**

11:00 – 11:15 Dr. Larissa Kogutenko (online) German-Kazakh University,  
*Integration of climate change Kazakhstan*  
*understanding in the educational  
process*

11:15 – 11:30 Dr. Kristin Ramthun NABU (Nature And Biodiversity  
*Additional income from Yak-Wool - an Conservation Union), Germany*  
*alternative value chain?*

11:30 – 11:45 Dr. Jafar Niyazov Institute of Water Problems,  
*Modern methods of water forecasting Hydropower and Ecology (IWPHE),  
for prevention of natural hazards in Tajikistan*

11:45 – 12:00 Dr. Olga Kalashnikova Central Asian Institute of Applied  
*Scientific cooperation of CAIAG to Geosciences (CAIAG) Kyrgyzstan*  
*improve the capacity of Kyrgyzstan in  
water resources planning and  
management*

12:00 – 12:15 Prof. Christopher Conrad (online) University of Halle-Wittenberg, Green  
*Remote Sensing based Bulletins for Central Asia, CAWA-Green Project*  
*improved Drought Management in the  
Aral Sea Basin*

## 12:30 - 13:30 Lunch break

13:30 – 13:45	Prof. Abdulkhakim Salokhiddinov <i>TIIAME NRU: Strategy and activities in the field of climate change and adaptation</i>	TIIAME, Uzbekistan
13:45 – 14:00	Dr. Ihtiyor Bobojonov <i>Topic (TBD)</i>	IAMO, Germany
14:00 – 14:15	Mr. Nurlan Abayev <i>Data, tools and methods to support decision making in Kazakhstan</i>	Head of Scientific Research Division, RSE Kazhydromet, Kazakhstan

## Panel discussion

- 14:15 – 15:15 Panelists
- Representative of Federal Foreign Office
  - Representative of Kazakhstan Embassy
  - Representative of Kyrgyzstan Embassy
  - Representative of Tajikistan Embassy
  - Representative of Turkmenistan Embassy
  - Representative of Uzbekistan Embassy

## Summary and closing ceremony



In cooperation with:



Preliminary program is subject to change