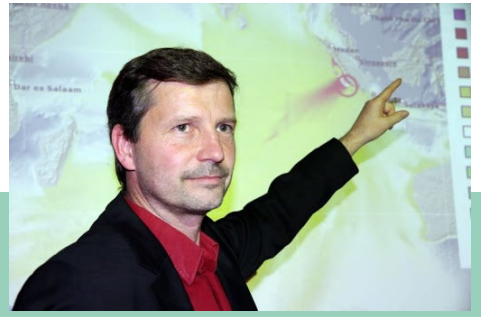
4th Tashkent Water Security Lectures

Satellite and in situ based monitoring of Central Asia water resources

Water resources in Central Asia are affected by climate change, where snow and glaciers melt more intensively under changing climate conditions. Therefore, it is important to monitor water resources in this region. Due to a limited availability of hydro meteorological observations, especially in the mountainous parts of the region, alternative approaches for monitoring should be considered. Besides in-situ data, remote sensing-based information can be a good additional source of data in this regard that also delivers information at a wider spatial scale. This lectures offers two presentations on this topic and a discussion on using in-situ and remote sensing data in monitoring water resources in Central Asia.



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Helmholtz Centre Potsdam
GFZ German Research Centre for Geosciences
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German Aerospace Center (Deutsches Zentrum für Luft- und Raumfahrt (DLR))
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ONLINE EVENT
18th May 2022

Lectures:

Dr. Tilo Schöne :

"Water Monitoring - going from ground to sky"

Dr. Igor Klein :

"Remote sensing applications for large scale monitoring of surface water at high temporal resolution and land surface dynamics in Central Asia"

Date :
18th May, 2022
09:00 – 12:00 – Berlin Time
12:00 – 15:00 – Tashkent Time

TIIAME NRU, Kary-Niyaziy 39,
Tashkent, Uzbekistan (online)

Partners:

Tashkent Institute of Irrigation and Agricultural Mechanization Engineers (TIIAME)

Green Central Asia (CAWa-Green) Project

GFZ German Research Centre for Geoscience, Potsdam

Potsdam Institute for Climate Impact Research (PIK)

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), Bonn

German Kasakh University

Martin Luther University of Halle-Wittenberg

Language :
English (partial translation into Russian)

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zoom https://gfz-potsdam-de.zoom.us/j/84746040714?pwd=dms1SUxvTk1xSHNoaXJwSWM2L3pJZz09

Meeting-ID: 847 4604 0714
Kenncode: 704375