



## Second Central Asian DUst Conference (CADUC-2)

# 14 - 21 April 2024

at Karakalpak State University,  
Nukus, Uzbekistan

2<sup>nd</sup> circular:

**abstract submission system  
and registration are open**

organized in cooperation



## Asian dust

- ➔ large amounts of lofted mineral dust above Asia
- ➔ not only Asian sources and sinks
- ➔ intra-continental and intercontinental phenomenon
- ➔ atmospheric particles change optical, microphysical, and chemical properties on their transport
- ➔ effects on atmospheric radiation budget
- ➔ effects on human health and even economics

### Improvement of knowledge about Asian dust needs

- ➔ multi-dimensional approach into several directions and scientists from different disciplines
- ➔ comprehensive studies with combination of ground-based, airborne, and space-borne measurements
- ➔ investigations with regional and global modeling

### Planned sessions

- ➔ Atmospheric dust at source regions
- ➔ Dust properties at transport
- ➔ Atmospheric dust at sink regions
- ➔ Aral Sea as dust source and dust sink
- ➔ Impacts of atmospheric dust
- ➔ Dust early warning systems
- ➔ Success stories in controlling sand and dust storm (SDS) hotspots

## Karakalpak State University



## Trip to the former Aral Sea (Muynak)



## Trip to Khiva (silk road)



## Chairs of the conference

**Prof. Dr. Akhmed Mambetkarimovich Reymov**  
Rector of the Karakalpak State University named after Berdakh, Uzbekistan

**Prof. Dr. Andreas Macke**

Director of the Leibniz Institute for Tropospheric Research, Germany

**Prof. Dr. Inom Urishevich Madjidov**

Rector of the National University of Uzbekistan named after Mirzo, Uzbekistan

**Prof. Dr. Thomas Nauss**

President of the Philipps-Universität Marburg, Germany

**Dr. Doniyar Mannopjanovich Turgunov**

Head of the Green Economy and Climate Policy department at the Ministry of Natural Resources of the Republic of Uzbekistan, Uzbekistan

**Dr. Fayzulla Saidakbarovich Agzamov**

Director of the HydroMeteorological Research Institute, Uzbekistan

## Organizing committee

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## Important (planned) dates

Registration (with registration sheets) opens:

**1 June 2023**

Abstract submission system opens:

**1 June 2023**

Deadline for submitting the 4-pages abstracts:

**1 October 2023**

Deadline for submitting the registration sheets:

**1 October 2023**

Notification about acceptance and requests for revising of abstracts:

**1 December 2023**

Deadline for payment of conference fees:

**1 January 2024**

Deadline for submitting the revised versions of abstracts:

**1 February 2024**

Conference:

**14 April 2024:** lectures for capacity building

**15 - 19 April 2024:** Meetings in Nukus and trip to Muynak

**20 - 22 April 2024:** Post congress to Khiva and Bukhara

## Scientific committee

Ralph Kahn (USA)

Ina Tegen (Germany)

Bakhriddin Nishonov (Uzbekistan)

Sara Basart (WMO, Swiss, Spain)

Maria Shagedanova (Great Britain)

Ali Al-Dousari (Kuwait)

Jamie Banks (Germany)

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## Further information

<https://www.tropos.de/CADUC-2>

Please check this web site for updates!