

## Career Prospects

Our graduates are valued as “Professionals in Integrated Water Management” that have met European standards. Their multi-disciplinary course of study allows them to succeed in a variety of different careers:

- Public administrations (ministries, regional committees and municipalities) in Central Asia
- State-owned and private water suppliers
- Non-governmental organizations or international organizations
- Environmental protection and resource management initiatives
- Public policy and project consulting at communal, regional, national and international levels



Photo: Prof. Dr. Tilman Rost

## Application Requirements

- Admission to the course of studies requires a Bachelor degree, completed with honors in the Natural Sciences, Agricultural Sciences, or in Engineering. Graduates in Economics, Social Sciences or Humanities with practical work experience in water resources management, environmental studies or water engineering are also eligible.
- Fluent knowledge of English and Russian languages

## Contact Information

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Implemented in partnership with:



## Integrated Water Management in Central Asia (IWM)

### Master Program



Photo: Prof. Dr. Tilman Rost

## The Complexities and Importance of IWM

Water scarcity is a global issue, but affects Central Asia particularly severely. In this region, the effects of global climate change are aggravated by chronic over-exploitation of available reserves. Scarce resources, inappropriate management and disparate interests cause water distribution to harbour a major potential for tensions. Effective water management and cross-border cooperation, in contrast, can contribute to stability and security and thus to sustainable economic development.

The complexities require future leaders who have an interdisciplinary approach to develop insightful and implementable solutions. The unique partnership between European and Central Asian academics and practitioners at the DKU gives students the opportunity to become experts on integrated watershed management.



Photo: Prof. Dr. Tilman Rost

## Unique International Partnership

The Central Asia Water Initiative (the “Berlin Process”) of the German Federal Foreign Office is an offer by the German Federal Government to the countries of Central Asia to support them in water management and to make water a subject of intensified transboundary cooperation. Within this regional initiative a unique partnership has evolved that offers students the opportunity to engage in cutting-edge research and practice in the water sector.

### Freie Universität Berlin

- Recognized as one of the world’s leading universities
- Combines excellence with a wide range of research topics

### Berlin Centre for Caspian Region Studies

- Serves as an interdisciplinary hub for cutting-edge research on the region
- Holds significant experience in capacity building and know-how in Central Asia

### Kazakh-German University (GKU)

- An international university in Central Asia with European lecturers
- Provides opportunities to engage first-hand with practitioners in the region

Close coordination with the other projects under way as a part of the Berlin Process – especially with the Regional Research Network “Central Asian Water” (CAWa) led by the GFZ German Research Centre for Geoscience (Potsdam) and the

## Course Contents and Targets

Transboundary Water Management in Central Asia program of GIZ – is pivotal to the program.

The course seeks to prepare the leaders of tomorrow as integrated water management professionals to help solve Central Asia’s water problems on a regional and national level. Students will be trained in capacity development in the region, including:

- Land and water interactions/water systems and climate
- Cultural, political, legal, ecological, and economic issues that have an impact on water distribution
- Comparable regional studies

### Duration of studies

- Master Courses: 2 years, start each year in September
- PhD: a possibility to be selected for a PhD program after the conclusion of the Master program exists

### Language of instruction

- At least 70% of the curriculum is taught in English; Russian is the second language
- Students may study German language