

# Post-Doc toral Fellowship



The Tashkent Institute of Irrigation and Agricultural Mechanization Engineers (TIAME) seeks to recruit a post-doctoral fellow: the fellowship is tenable at the Tashkent Institute of Irrigation and Agricultural Mechanization Engineers, Tashkent, Uzbekistan.

The position is supported by the SDGnexus Network led by the Department of Ecology and Water Resources Management, TIAME, Justus Liebig University, Giessen and by the German Academic Exchange Service (DAAD) with funds from the Federal Ministry for Economic Cooperation and Development of Germany (BMZ).

Duration: 1 July 2020 - 31 December 2024

Deadline: 30 June 2020

## Summary of the Position

The SDGnexus Network, consisting of partners from Colombia, Ecuador, Germany, Kyrgyzstan, Tajikistan and Uzbekistan, provides a common research framework related to the Sustainable Development Goals (SDGs) of the United Nations (UN) and aims to analyze synergies and trade-offs among individual SDGs (SDG nexus analysis).

The Post-Doctoral Fellow will contribute to current team-based research projects, initiate new research, assume teaching and/or outreach responsibilities and assist in grant proposal writing and reporting within agriculture and food systems, water, urban and rural areas, natural resources and, SDG progress & monitoring network.

## Fields of Research

The candidate will be employed at the Tashkent Institute of Irrigation and Agricultural Mechanization Engineers (Tashkent, Uzbekistan) and conduct research within the fields of water resources management, environmental and earth sciences, irrigated agriculture, climate change mitigation and adaptation, sustainable economic development, spatial interaction and potential synergies and trade-offs among of agriculture and water-related SDGs.

## Required Qualifications

- Completed PhD or Candidate of Sciences degree in a relevant field
- Relevant spatial and statistical analysis skills
- Good knowledge of the SDGs and of the methods for measuring and solving trade-offs between them
- Willingness to work in new and challenging environments

- Demonstrated ability to work in multi-disciplinary and collaborative teams
- Ability to develop and manage research and development projects
- Understanding of key focal areas of TIAME in Uzbekistan

#### Languages

Fluency in oral and written English. Competency in Russian is an advantage, as is knowledge of Uzbek.

#### How to Apply

Send a covering letter, an up-to-date CV that includes the names and contact information of two referees, and a written sample of your research work. Applicants from Uzbekistan are encouraged to apply. Send the documents to: [sdgnexus@tiame.uz](mailto:sdgnexus@tiame.uz) by 30 June 2020.

Please send your applications with the following subject header of the email: "SDG Nexus Post-Doc position".

Only shortlisted candidates will be contacted and invited for interviews with representatives of the SDG Nexus Network consortium.

 The Tashkent Institute of Irrigation and Agricultural Mechanization Engineers (TIAME) is a first-class regionally recognized academic and research institute known for its top programs in engineering (irrigation, water resources, environment, electrification and automation, agricultural mechanization), land management and agricultural economics/management & marketing with an almost 100-year tradition. TIAME's mission is development of potential of agriculture and water management, strengthening the image of Central Asian science and education in the global market of educational services, research and innovations.

For more information about the Tashkent Institute of Irrigation and Agricultural Mechanization Engineers visit: <https://tiame.uz>

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