

## Our Partners

### Latin American Region

Argentina: Universidad Nacional de San Juan; Brazil: Pontifícia Universidade Católica do Rio de Janeiro, Universidade de São Paulo, Universidade Federal de Pernambuco, Universidade Federal de Santa Maria, Universidade Federal de São Carlos; Mexico: Universidad de Guadalajara, Universidad Nacional Autónoma de México

### Mena Region

Egypt: Ain Shams University - Cairo, Mansoura University, Jordan: Mutah University - Karak, The University of Jordan - Amman; Turkey: Akdeniz University - Antalya, Necmettin Erbakan University - Konya; TÜBITAK Marmara Research Center - Istanbul, Yıldız Technical University - Istanbul

### South East Asian Region

China: Tongji University - Shanghai; Indonesia: Bogor Agricultural University, Universitas Gadjah Mada - Yogyakarta; Thailand: Asian Institute of Technology (AIT); Vietnam: Vietnam National University - Ho Chi Minh City, Water Resources University - Hanoi

### Sub-Sahara African Region

Burkina Faso: Université de Ouagadougou; Ethiopia: Bahir Dar University, Mekelle University; Kenya: Maseno University; Malawi: University of Malawi - Zomba; Togo: Université de Kara, Université de Lome



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**DAAD**

Deutscher Akademischer Austausch Dienst  
German Academic Exchange Service



International Cooperation  
Network on

Sustainable Water  
Management in Developing  
Countries SWINDON

**ex)ceed**

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# Excellence through dialogue and research

## The problem

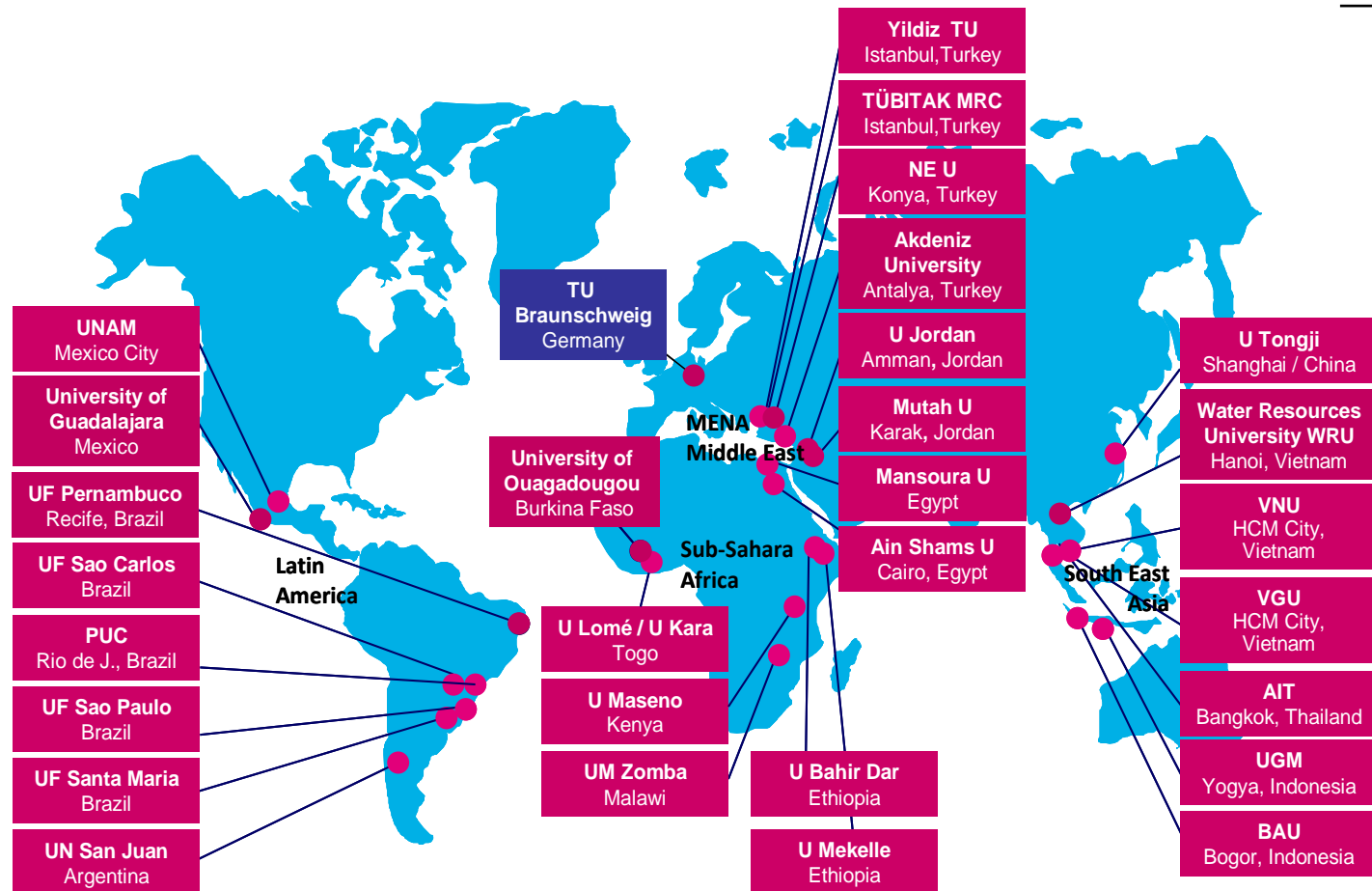
Water is undeniably one of the core issues in 21st century discussions on development cooperation. Worldwide more than 1.2 billion people have no access to drinking water, and three billion have neither sanitary nor wastewater disposal facilities. Numerous development goals are based on the availability of water.

## The goal

The primary goal of the Braunschweig Competence Centre and its international cooperation partners is to promote capacity building, knowledge transfer, and to develop core proposals for sustainable water management. The latter includes technologies for manifold use and reuse of water. For instance two thirds of fresh water worldwide is currently used in agriculture that literally drains away into the ground. Here, treated wastewater could be recycled and reused for further application, e.g. in agriculture. The water utilized in the industrial sector could also be recycled and reused. Overall research fields include Sanitary Engineering, Hydrology and Hydraulic Engineering, Water Quality, Waste Management, and Water Governance.

## The competence

The global project network consists of 29 full member institutions in 15 countries on 4 continents. The results of the research will be put at the disposal of policy makers, public authorities, and organizations. The research fields covered range from water quality monitoring, waste and wastewater treatment, coastal engineering, flood risk, water in agriculture and ecosystems, and water food print to water governance.



## Summer Schools and Workshops

- Students, lecturers, and experts meet for exchange of knowledge on up-to-date water related topics.
- Exceed members and experts search for adopted solutions for the demands of Developing Countries.
- Exceed members disseminate their findings to stakeholders, politicians, and public.

## Regional Centres

- The regional centres manage and control the activities, as well as the scientific and strategic orientation within the respective regional network. The centres together with its regional member institutions also work on concepts that shall ensure the organisational and financial sustainability of the SWINDON network.

## Scholarships

- Young scholars are invited to participate in education and R&D concerning SWM through exchange: south north, north- south, south-south

## Curriculum on Water

- Exceed universities develop master curricula on Sustainable Water Management SWM in Developing Countries.

## Research Projects

- Exceed members conduct joint research projects on SWM in Developing Countries.