

## Who are we

The Center of Excellence for Water is a USAID- funded program, managed by the American University in Cairo. Its goal is to catalyze long-term improvement in Egyptian water resources management by improving its innovative applied research and education enterprise.

Located at Alexandria University, and in cooperation with four Egyptian Universities (Ain Shams University – Aswan University – Beni Suef University – Zagazig University) and four U.S. Universities (University of California, Santa Cruz, Temple University Utah State University, and Washington State University), the Center of Excellence for Water is designed to be a state-of-the-art center that raises the quality of all aspects of higher education, including curriculum, teaching, and applied research to international standards.

The Center supports the Egyptian government, academia and industry to address water challenges, and prepare a new generation of graduates and entrepreneurs to be change agents that stimulate economic growth.

Leveraging on the public-private partnerships established, the Center of Excellence for Water will be the hub for research and a vibrant network of Egyptian industries, research centers, and ministries.

### In Partnership with



### Contact Us:



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## Exchange, Training and Scholarships

### Role of Pillar

Strengthen the capacity of Egyptian Faculty, students and researchers and promote the exchange of expertise, knowledge, and technology in the water discipline between U.S. partner universities and industries and the Egyptian government, academia, and private sector.

### Key Activities

- Providing 350 undergraduate/ graduate full scholarships in specialized water programs.
- Funding one-semester abroad in U.S.-Based Universities for selected undergraduate/postgraduate students.
- Providing internship opportunities in U.S./ Egyptian industries for undergraduate/postgraduate students.
- Building the capacity of Egyptian Faculty on governance, research and instructional innovation.
- Conducting training Workshops at U.S. -Based Universities.
- Organizing faculty Exchange between the U.S universities and the Egyptian universities.
- Organizing more than 20 webinars on water-related topics.



## High-quality Applied Research

### Role of Pillar

Elevates Egypt's water-related research capacity and ability to create policy-relevant, innovative, and market-driven research products.

### Key Activities

- Funding 42 high-quality applied research projects to address water-related challenges.
- Developing a National Water Research Roadmap.
- Organizing Annual International Water Symposium.
- Promoting the linkage between supply and demand for water research by engaging the public and private sectors in research initiatives.

## Instructional Innovation and Curriculum Development

### Role of Pillar

Improve the relevance and quality of the water curricula in partner Egyptian Universities to meet the needs of the public and private sectors and introduce innovative teaching methods for undergraduate and graduate students in water-related fields.

### Key Activities

- Developing and updating new/ existing undergraduate water-related programs to strengthen their water dimensions.
- Establishing two new Graduate programs in Sustainable Water Management.
- Developing 12 new undergraduate water-related courses.
- Developing 18 new postgraduate water-related courses.
- Establishing four new Professional Certification Programs.
- Developing nine Water Resources Career Development Modules.
- Introducing innovative teaching methods and supporting online learning management systems.

## Governance

### Role of Pillar

Establish the governance structure of the Center of Excellence for Water at Alexandria University that would enable the center to create collaborations and maintain accountability among partners and stakeholders.

### Key Activities

- Establishing of the Center of Excellence for Water at Alexandria University
- Establishing Center of Excellence for Water Advisory Committee
- Establishing Center of Excellence for Water Steering Committee
- Developing the Center of Excellence for Water guidelines for reporting, agreements and documentation system.
- Signing MoUs with the key private and public sectors
- Developing the Center of Excellence for Water Strategic Plan

## Sustainability

### Role of Pillar

Ensure the institutional and financial sustainability of the Center through revenue generation and the creation of a network of partners from the public and private sectors.

### Key Activities

- Organizing Public-Private Partnership Seminars
- Expanding the Center of Excellence for Water network to include more partners in the US and Egypt.
- Developing revenue-based models to ensure the financial sustainability of the Center of Excellence for Water.
- Establishing the Center of Excellence for Water Website and dissemination Channels.
- Developing water-specific technical publications.



## مركز التميز للمياه

## Center of Excellence for Water

