

## Curriculum Vitae (CV)

Tarek Abd El-Raheem Mohamed AbuZaid



### Personal Information:

**Academic Rank:** Assistant Professor

**Department:** Civil Engineering

**Specialization:** Irrigation & Hydraulics Engineering

**Position:** Assistant Professor

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## Education:

Degree	Discipline	Institution	Year
Ph.D.	Irrigation & Hydraulics	Cairo University	2019
M.Sc.	Irrigation & Hydraulics	Cairo University	2008
B.Sc.	Irrigation & Hydraulics	Cairo University	2002

## Academic Experience:

**Institution:** Higher Technological Institute (HTI)

**Rank:** Assistant Professor

**Dates:** 2021 – Current

**Institution:** Higher Technological Institute (HTI)

**Rank:** Teaching Assistant

**Dates:** 2002 - 2008

## Research interests:

- Hydraulics of Porous Pipes
- 3D Numerical and Experimental Investigation of Supercritical Flows At Channel Bends

## Publications:

- 3D Numerical Investigation of Supercritical Flows at Channel Bends, April 2018, CERM
- Experimental Investigation of Supercritical Flows at Channel Bends, July 2018, CERM

## Certifications or Professional Registrations:

### Honors and Awards:

- Membership in Professional Societies: Egyptian Engineers Syndicate ID No. 1123/25
- Consultant Engineer Certified: Hydraulic Design for Drainage of Storm Water and Protection against Flash Floods for Egyptian Engineers Syndicate ID No. 6854/1
- VMA Certified: Certification Number: 202011013

## Teaching Experience:

### Courses taught

- Fluid Mechanics,
- Basics of Irrigation & Drainage,
- Hydraulics I,
- Hydraulics II,
- Irrigation Works Design I (Irrigation System, Bridges, Culverts, Aqueduct and Syphon),
- Irrigation Works Design II (Weirs, Regulators, Locks, and Dams),
- Civil Drawing II (Irrigation Structures)