

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 and Hydraulics	Cairo University	2019
M.Sc.	Irrigation and Hydraulics	Cairo University	2008
B.Sc.	Irrigation and Hydraulics	Cairo University	2002

Academic Experience:

Institution: Higher Technological Institute (HTI)

Rank: Assistant Professor

Dates: 2021 - Current

Institution: Cairo University

Rank: Research Assistant (PhD student)

Dates: 2010 - 2019

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:

- **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)