

Ahmed Mohamed Raafat

Teaching & Research Assistant

Civil Engineering | Department of Irrigation & Hydraulics
Faculty of Engineering
Cairo University.



Home Address: Maadi grand city, building No.D8, Maadi, Cairo, Egypt.

Office Address: Faculty of Engineering, 12613, Giza, Egypt.

Mobile No. : 002/ 01114621064

E-mail 1: AhmedRaafat@eng.cu.edu.eg

E-mail 2: Eng_Ahmed@staff.cu.edu.eg

Education:

M.Sc. Cairo University, Faculty of Engineering, Department of Irrigation and Hydraulics, 2015.

Thesis Title:

“ASSESSMENT OF THE IMPACTS OF PROPOSED WATER RESOURCES DEVELOPMENT PROJECTS IN BARO-AKOBO-SOBAT BASIN ON HIGH ASWAN DAM”

B.Sc. Cairo University, Cairo, 2011.

Employment:

Teaching & Research Assistant
Civil Engineering | Dept. of Irrigation & Hydraulics
Faculty of Engineering
Cairo University.

Sept.2011- Present

Hydrologist at DRTPC.

April 2014 - present

Structural Engineer at (E.G.C) consultant office.

OCT. 2011- Sept. 2012

Teaching:

Cairo University – Department Of Civil Engineering
Teaching Assistant for the following Undergraduate Courses:

Engineering Fluid mechanics	Fall2011/2014
Irrigation and Drainage Engineering	Spring 2012/2013/2014/2015
Water Resources Engineering	Spring 2013/2015
Coastal and Harbor Engineering	Fall2011
Engineering Drawing	Fall2013 /2014/2015
Pipelines and pumping stations	Fall2013 /2015
wet utilities and infrastructure	Spring2011 /2012
integrated water resources	Fall 2013/2015

Research and Publications:

- Paper related to Msc. work is under review (expected to be published in 2015).
- Current research under the topic of “hydrodynamic river flood modeling” (targeting to publish on early 2016).

Professional Activities:

- Internship at ENTRO (Eastern Nile Technical Regional Office) (Addis Ababa, Ethiopia) from 6 September to 16 December 2012.
- Participated in organizing the 1st ENPM (Eastern Nile Planning Model) Regional workshop held in (Alexandria, Egypt) from 9 to 12 July 2012. The workshop was organized by ENTRO (Eastern Nile Technical Regional Office) and NBI (Nile Basin Initiative).
- Participated in 4th ENPM (Eastern Nile Planning Model) Regional workshop held in (Mek’ele, Ethiopia) from 8 to 12 October 2012. The workshop was organized by ENTRO (Eastern Nile Technical Regional Office) and NBI (Nile Basin Initiative).

Future Research Interests:

- Aquifer Remediation; Fate and Transport of contaminants in subsurface waters.
- Managed Aquifer Recharge and Recovery.
- Soil Aquifer Treatment.
- Chemical, Physical and Biological processes in sustainable Natural Water and Wastewater treatment systems.
- Water quality, pollution control, and management.