

## **CURRICULUM VITAE**

### **PERSONAL INFORMATION**

Name	Eslam A. ALHOGARATY
Sex	Male
Address	Institute of Environment, Water and Energy (IEWE), Ajman University of Science & Technology (AUST), United Arab Emirates
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Date of birth	9.12.1976
Place of birth	Alexandria, Egypt
Nationality	Egyptian
Marital Status	Married, one child

### **EDUCATIONAL QUALIFICATIONS:**

B.Sc. (1999) in Physical Oceanography & Mathematics, Faculty of Science, Alexandria University with graduation in 1999 (Alexandria, Egypt).

M.Sc. (2003) in Environment Protection & Numerical Modeling, College of Maritime Transport & Technology, Arab Academy For Science and Technology and Maritime Transport (Alexandria, Egypt).

### **WORK EXPERIENCES:**

2008-Present: Lecturer, Institute of Environment, Water and Energy, Ajman University of Science and Technology (AUST ), United Arab Emirates.

2006-2008: Teaching Assistant, Institute of Environment, Water and Energy, Ajman University of Science and Technology (AUST), United Arab Emirates.

2003-2006: Research Assistant, Institute of Environment, Water and Energy, Ajman University of Science and Technology (AUST), United Arab Emirates.

2002-2003: Oceanographer, Oceanography Department, Coastal Research Institute (CORI), The National Center of Water Research, Egypt.

2002-2003: Environment Engineer, Environmental & Water Engineering Consultants (EWATEC) (Canadian-Egyptian Consultants, member of Egyptian-Canadian Friendship Association, Approved Consultants for Egyptian Environmental Agency Affairs-EEAA, USAID, DANIDA).

2001(Part-time):Junior Modeler Specialist for COMAS Project (Finnish-Egyptian Co-operation, Funded by Finnish Environmental Institute).

## SCIENTIFIC PUBLICATIONS:

### a) Journals:

- **Maan N. Al-Afifi**, Zeinelabidin S. Rizk, **Eslam A. Al-Hogaraty**, 2010. The Impact Assessment of Desalination Plants on Dubai Coast, UAE. Under publication.
- **Eslam A. Al-Hogaraty**, Zeinelabidin S. Rizk and Hassan K. Garamoon, 2007. Groundwater Pollution of the Quaternary Aquifer in Northern United Arab Emirates. Journal of Air, Water and Soil Pollution, Vol. 37, No. 1-4: 323-341.
- **Al-Hogaraty E.**, W. Hamza, J. Koponen, J. Sarkkula and K. Alam El-Din 2003. "A three-dimensional Simulation of pollutants transport in the Abu-Qir bay, East Alexandria, Egypt. In: Al-Azab et al, 2005 (Eds): Oil Pollution and its environmental impact in the Arabian Gulf. Earth and Environ." Sciences, ELSIVIER B.V. Vol. 3: 107-121 pp.
- Alam El-Din K. A. and **E. E. Al-Hogaraty**, 2001. Modeling the seasonal variability of density current in Abu-Qir Bay. Bull. National Institute of Oceanography & Fish, A. R. E., Vol. 27: 275-292.

### b) Conference Proceedings:

- **Eslam A. Al-Hogaraty**. Integrated THREE-DIMENSIONAL Modeling of Water Circulation and dynamics in the Abu-Qir Bay, Alexandria – EGYPT, 2006, Proceeding of Map Middle East 2006 Conference.
- **Eslam A. Al-Hogaraty**, 2006. Importance of Numerical Modeling for Marine Biota, Proceeding of the workshop in Marine Biotechnology and Cluster, February, 27th-28th,2006, Sultan Qaboos University, Muscat, Sultanate of Oman.
- El-Din, K. A. A., **El-Hogaraty, E. E. A.**, Koponen, J., Sarkkula, J. 2005. Transport of toxic metal and petroleum hydrocarbon in Abu-Qir Bay, Alexandria (Egypt) using numerical modeling. In: IMEMS 2005 : The 8th International Marine Environmental Modeling Seminar. Helsinki, Finland, 23-25 August, 2005. Abstract Proceedings. Helsinki, SINTEF, SYKE. P. 62.
- **Al-Hogaraty E. S.**, Hamza W., Koponen J. and Sarkkula J., 2003. A 3D Simulation for Pollutants Transport in Abu-Qir Bay, Alexandria (Egypt), The first international conference and exhibition on oil pollution and its impact in the Arabian Gulf, (OPEIC 2003), October, 5th –7th, 2003, Al-Ain, U.A.E.

### c) Scientific Reports:

- Co-Editor, Annual Report in Water Level Variation along Delta Coast during 2002, Coastal Water Research Institute.
- Co-Editor, Annual Report in Current Distribution Pattern beyond Breaker Zone along Rosetta & Damietta Promontories Nile Delta Coast during year 2001, Coastal Water Research Institute.

**d) Technical Manuals:**

- Prepare & Revision of Self-Monitoring Manual for Auto Mobile, Fruits, Metals, Milling, Soda water, Sweet, Textile Sectors.
- Prepare the Industrial Wastewater Treatment Plants Inspection Procedures Manual for Environmental Protection Abatement Project/ Egyptian Environmental Affairs Agency EPAP/ EEAA and (DANIDA)- Danish International Development Agency.
- Prepare & Revision of the Self Monitoring Manual for Industries as a part of Environmental Protection Abatement Project/ Egyptian Environmental Affairs Agency EPAP/ EEAA and (DANIDA)- Danish International Development Agency.

**SCIENTIFIC ACTIVITIES:**

Participated in research projects and training programs at the National Authority for Remote Sensing and Space Sciences (NARSS), Egyptian Environmental Affairs Agency (EEAA), USAID, Euro Bank, FINNIDA, DANIDA, Finnish Environment Institute (FEI) and Environment Impact Assessment Center of Finland.

**MEMBERSHIPS:**

- Faculty of Science Graduates Association, Alexandria University, EGYPT.
- Egyptian Syndicate of Scientific Professions, Egypt.
- Member of Arab Institute of Navigation, Egypt.
- Institute of Advanced Studies on Sustainability, Muenchen, Germany.
- The Internal Board of the Institute of Environment, Water and Energy. Ajman University of Science and Technology, UAE
- The President Office Commission. Ajman University of Science and Technology, UAE

**DESIGNED COURSES:**

A. Graduate Level

- Remote Sensing of Water Resources, GIS Applications in Water Resources, and Field Training Course for Groundwater Engineering and Management, IEWE, AUST.

B. Undergraduate Level

- Remote Sensing and GIS Applications, Environmental Management and Environmental Health, IEWE, AUST.