

# Eman Ibrahim Siam

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## Education

Mansoura University, Egypt.

**PhD, Marine Pollution** | 1993.

Alexandria University, Egypt

**MSC, Microbiology and public health** | 1984.

Science Faculty, Alexandria University, Egypt

**BSC, Oceanography and Chemistry** | 1978

## Work Experience

### **2007 – Recent**

Head of Marine Environment and Crisis Management Center, ISC, AASTMT.

### **2004 – 2007**

Head of Marine Environmental Protection Program (MEPP), College of Maritime Transport and Technology, AASTMT.

### **2003 - 2004**

Professor at MEPP, AASTMT

### **1999 – 2003**

Assistant professor at MEPP, AASTMT.

### **1993 – 1999**

Lecturer of microbiology at National institute of Oceanography and Fisheries.  
Lecturer at MEPP, AASTMT (Part time)

### **1981 – 1993**

Associate lecturer at National institute of Oceanography and Fisheries.



## **Sabbatical leave**

**1983 - 1984**

A Microbiologist in sewage treatment lab. Alexandria Government

**1981 - 1983**

A microbiologist in United Arab Emirate, Dubai public health Governmental lab.

## **Technical job Responsibilities**

1. Teaching oil pollution and environmental impact assessment courses for under graduated student in Maritime transport and technology collage.
2. Teaching Post-Graduated candidates for Diploma, Master and Doctoral Degrees in marine pollution in Arab academy of science and technology
3. Supervision of many Master's and Doctoral thesis
4. Training Key Personnel in industry and different organizations
5. Technical consultant for several environmental projects.

## **Participation in Research work project**

1. Assessment of the land based sources of pollution along the Egyptian Mediterranean coast. financed by WHO (Regional office).
2. Exploring and Adopting of E.Coli for Organophosphate Pesticide Residues Detoxification funded by the Egyptian Regional Council for Agricultural Research.
3. International workshops on red tide and Human Health: Bibliotheca Alexandria. Alexandria, Egypt, ,20 Nov. 2006.
4. Workshop on Arab Women Economic Social Legislation and Politic, Helton Green Plaza, Al-Zahra, Alexandria, Egypt, 21-22 Nov. 2006
- 5-Workshop on " biological treatment of industrial and marine pollution" , Helton Green Plaza, Al-Zahra, Alexandria, Egypt, 3-5 Nov. 2009

## **Conferences**

**18-20 December 2011**

International Maritime Transport and logistics conference port and logistics "A vision for future integration" MARLOG organizing committee, Alexandria Egypt.

**18-22 April 2010**

The third training session of MENA & Africa Arab International Women's Maritime Forum" AIWMF "Global warming and its impacts"

**19-23 July 2009**

The second training session of MENA & Africa Arab International Women's Maritime Forum" AIWMF "marine environment"

**18-22 June 2008**

The first training session of MENA & Africa Arab International Women's Maritime Forum" AIWMF "The leadership skills of women at work"

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**28-30 October 2008**

"National Workshop on HNS Contingency Planning" held at the Arab Academy for Science, Technology and Maritime Transport organized by the International Maritime Organization (IMO) and the Regional Marine Pollution Emergency Response Centre for Mediterranean Sea (REMPEC).

**2008**

Climate change and its impact on sustainable development in Egypt, British society of civil engineers conference. Cairo.

**11-12 march 2008**

Regional workshop on disaster risk assessment in Arab Academy of Science and Technology & Maritime transport. Cairo.

**March 30th-april1st 2008**

International Arab Forum for Maritime Transport Industry (IAFMTI)

Four Seasons hotel,( Arab Academy of Science and Technology & Maritime transport.).

**December 2007**

Developing a Response to Maritime Emergencies workshop organized by the International Maritime Organization(IMO)

**23-25, April 2007**

International Conference on Climatic Changes and Their Impacts on Coastal Zones and River Delta's: Vulnerability, Mitigation and Adaptation, , Alex., Egypt.

**18-20 February, 2007**

The 23<sup>rd</sup> International Port Conference "Ports & Technology", Arab Academy, Technology & Maritime Transport, Port Training Institute,.

**20 - 24 March 2006**

Marine Environment Protection Committee (MEPC), 54th session. the International Maritime Organization(IMO) hold in London, united kingdom.

**18 – 21 Sep 2006**

Aly M. Aly Abdallah, Eman Siam, and Ahmed Ibrahim. (2006). Sustainable development concept of ecotourism in Egypt. International conference on aquatic resources: needs and benefits. Sheraton–Montazah, Alexandria, Egypt.

**27-29 May ,2006**

Eman.E Siam (2006):Developing The safety standards for the oil combating Teams at combating centers of marine oil pollution in A.R.E International conference on Marine pollution in The Arab Region .Sheraton El Montaza, Alexandria, Egypt

**18 - 19 June 2006**

Aly M. Aly Abdallah and Eman Siam (2006). Energy situation in Egypt, efficiency perspectives. Workshop on Climate Change impact on Arab Region. (Reasons and economic impacts). Arab Academy of Science and Technology & Maritime transport.).

**7 - 9th May.2005**

International conference on aquatic resources of the Arab Region. Sheraton El-Montaza, Alexandria, Egypt.

**14 - 16 Feb.2005**

Regional Organization for the Conservation of the Environment of the Red Sea and Gulf of Aden. Second Regional Forum Sea to Sea 14-16 February 2005, Grand Hyatt hotel, Cairo.

**11 - 15 October 2004**

Marine Environment Protection Committee (MEPC), 52nd session

**1 - 3 Dec. 2003**

International workshop on marine pollution and the impacts of sea water desalination plants on the coastal environment, DUBAI, UAE

**26 - 27 Aug 2003**

National workshop on Rehabilitations, Conservation and Sustainable use of Mangroves in Egypt, Hurghada.

**23 - 26 Oct 2002**

The first Egyptian-International conference on Protected Areas and Sustainable Development, Sharm El-Sheik, Egypt.

**5 - 7May 1998**

Environmental Protection is a must: NIOF & VEA Sheraton Alexandria, Egypt.

**October ,1996**

International conference on Health, Environment and Development .High institute of public Health, Alexandria university.

**5-8 June 1992**

Eman E Siam(1992) Oily Wastes reception facilities and oil pollution at sidi Kreir Region on the northern coast of Egypt “The international Seminar on the combat of oil pollution and conservation of marine wealth in the Mediterranean Sea” Ras-Lanuf,Gulf of Sirte

## Publications

1. zaghoul .F.A and E.E Siam 1996: Impact of pollution on phytoplankton structure and bacteria in some Alexandria beaches, Egypt. Bulletin of high institute of public health .26:pp135-154.
2. Soliman.M.K and Eman.E.Siam 1997:Electrophoretic study of infected fish tissue by Gram negative bacteria. Alexandria science Exchange .,Vol.18 No.2,pp125-134
3. E.E.Siam & M.G Ghobrial 1998:The use of the water velvet *Azolla Filiculoides* in waste water treatment. Journal of chartered institute of water and environmental management.12,August pp 250-253.
4. Siam.E.E. 1998: A synoptic survey on number of bacteria and biomass in relation to physic-chemical parameter in eastern harbor, Alexandria Bull. Nat. Inst.of . oceanogr .&Fish A.R.E Vol.24 pp 77-91.
5. Siam .E.E. 1998:Enumeration and biomass of bacteria indicator saprophytic community in Alexandria coastal water. Bull. Nat. Inst.of . oceanogr .&Fish A.R.E Vol.24 pp 93-104
6. Eman E. Siam 1998.Effect of various processing of the die off pathogenic bacteria infected the edible Bivalve *Donax Trunculus*. Bull. Nat. Inst.of . oceanogr .&Fish A.R.E Vol.24 pp 105-112
7. Siam.E.E &M.G.Ghobrial 1999.pollution influence on bacterial abundance &chlorophyll-a-concentration Case Study Idko Lagoon Egypt. J . of Arab Academy for Since &Technology Maritime Transport.
8. Eman E. Siam 2001 Application of microorganism in combating organic pollution J . of Arab Academy for Since &Technology Maritime Transport.
9. Eman. E. Siam 2001: Bacterial Number Heterotrophy and extra cellular Enzyme Activity in the sea water of Alexandria harbour Egypt. The Egyptian J of hospital medicine .
10. Eman. E. Siam 2001:Evaluation of heavy metals concentration in fish from Alexandria coast, Egypt. The Egyptian J of hospital medicine .
11. S.K.Mikhail, W.L.Gergis and E.E.Siam 2001:Transport processes in A Heavy Eutrophic Marine Bay,Alexandria (Egypt), Applying Environmental Impact Assessment (EIA) Model.The Egyptian Journal of Hospital Medicine Vol.,4:84-96.

12. Eman .E. Siam & Moneir.M.M 2002:Oil pollution Hazards from reception facilities on Sidi Krier coast Alexandria .The Egyptian Journal of Hospital Medicine Vol.,4
13. Eman. E. Siam 2002:Control of harmful aquatic organisms transported via ships ballast water. J . of Arab Academy for Science &Technology Maritime Transport.
14. Eman. E. Siam 2003: Toxicity of some Bio-and Synthetic surfactants on selected Marine Micro organisms . J . of Arab Academy for Science &Technology Maritime Transport.
15. Eman. E. Siam 2003:Degradation of organic sulphur compound in heavy oil by pseudomonas Species.2003:Proceeding of the 13<sup>th</sup> international conference on environmental protection is a must .
16. Aly M. Aly Abdallah, Eman Siam, and Ahmed Ibrahim. (2006). Sustainable development concept of ecotourism in Egypt. International conference on aquatic resources: needs and benefits. Sheraton–Montazah, Alexandria, Egypt.
17. Aly M. A. Abdallah Eman Siam, and Iman mancy (2006). Heavy metals content in Octopus vulgaris (L.) obtained from the Red Sea coast, Egypt. Pakistan Journal of Oceanography.issue 2(1), 61-70.
18. Aly M. A. Abdallah and Eman Siam (2006). Multi-elements concentrations in marine seaweeds from Egyptian Red Sea Coast. Pakistan Journal of Oceanography. issue 2(2),
19. Aly M. A. Abdallah, Mohamed Abd El-Wahab, Eman Siam (2007). Levels of heavy metals in sediment and coral Acropora obtained from Red Sea, Egypt Symposium on environmental pollutants: analysis & control, El-Meadinah, The Kingdom of Saudi Arabia.