

HAMED A. EL-SEREHY

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Education: 1990: Ph.D.
1985: M.Sc.
1980: B.Sc.

Career

2010 - Present	Professor, Oceanography Department, College of Science, Port Said University, Egypt.
2010 - Present	Professor, Zoology Department, College of Science, King Saud University, Riyadh, 11451, Saudi Arabia.
2008 - 2009	Dean College of Science, Suez Canal University, Egypt.
2007 - 2008	Director, Toxicity & microanalysis Unit, College of Science, Suez Canal University, Ismailia, Egypt.
2000 - 2007	Professor, Zoology Department, College of Science, Suez Canal University, Ismailia, Egypt.
1995 - 1999	Associate Professor, Zoology Department, College of Science, Suez Canal University, Ismailia, Egypt.
1995 - 1999	Associate Professor, Department of Life Science, College of Science, United Arab Emirates University, Al-Ain, UAE.
1990 - 1994	Assistant Professor, Zoology Department, College of Science, Suez Canal University, Ismailia, Egypt.
1991 - 1992	Post Doctor fellowship (the prestigious Fulbright fellowship) to conduct research in the University of Main, USA.
1987 - 1990	Postgraduate Student, Department of Biology, Southampton University, Southampton, UK.
1985 - 1987	Assistant Lecturer, Zoology Department, College of Science, Suez Canal University, Ismailia, Egypt.
1980 - 1984	Demonstrator, Zoology Department, College of Science, Suez Canal University, Ismailia, Egypt.

Current research interests

- (1) Taxonomy and biodiversity of invertebrates. Current and recent interests include the description of new and poorly known taxa from coastal waters.
- (2) Ecosystem health & management. Current and recent interests include phylogenetic relationships among several communities.
- (3) The use of terrestrial and aquatic organisms as bio-indicators of water quality, ecosystem efficiency and performance
- (4) Development of protocol for monitoring environmental threats and hazards.

Invited talks at conferences/symposia/workshops

Invited talks presented at numerous meetings, in different numerous countries worldwide including: UK, Germany, Italy, Denmark, Sweden, South Korea, Canada, USA, Brazil, Sultanate Oman, KSA, India, Spain, China, Argentina, Indonesia, Russia.

- XVIII International plant nutrition Colloquium, Copenhagen, Denmark, 19-24 August 2017. Invited talk
- International forum "Protist 2016" Moscow, Russia, 6-10-June 2016. Invited talk
- Marine & freshwater invasive species. Ecology, impact, and Management. Buenos Aires, Argentina, 2-4 May 2016. Invited talk.
- 4th International Workshop of the International Research Coordination Network for Biodiversity of Ciliates, Ocean University, Qingdao, China , 18-23 October 2015.
- 2nd Asian Congress of Protistology, Kalyani, India, 27-29 November 2014. Plenary talk.
- Marine invasive species: Management of Ballast water and other vectors (MIS-Oman), Muscat, Sultanate of Oman, 17-19 February, 2014. Plenary Talk.
- 3rd International Workshop of the International Research Coordination Network for Biodiversity of Ciliates, Royal Holloway, University of London, 1-3 September 2014
- Protist 2014: ISOP/ISEP Joint Meeting, Banff, Canada, 3-8 August 2014. Invited talk.
- 2nd Annual World Congress of Biodiversity, Ecology and the Environment, Nanjing, China, 25-27 April 2013.
- 5th World Congress on Biotechnology. 25-27 / June /2014. Valencia, Spain. Plenary talk.
- AEHMS-11 Aquatic ecosystems at the edge: Managing for sustainability, Victoria, BC, Canada, 17-20 June, 2013. Invited talk.
- 14th international conference of Protistologists , Vancouver, Canada, 27 July-2 August, 2013. Invited Talk

- Advancing, nurturing aquatic ecosystem health science for 20 years. An international conference "The aquatic ecosystem puzzle: threats, opportunities and adaptation, Siena, Italy, 13-15 June, 2010. Invited Talk
- 1st International Workshop of the Research Co-ordination Network for Ciliate Biodiversity, North Carolina, USA, 2012. Invited talk.
- An international symposium on "State of Lake Vanern Ecosystem", Sweden, June 11-14, 2012. Vanersborg, Sweden. Plenary talk.
- The Aquatic Ecosystem Puzzle: Threats, Opportunities and Adaptation (AEHMS 10)
- Siena, Italy. June 13-15/2011.
- 8th Asian conference on Ciliate Biology. 3-6 October, 2011, Juju National University, Korea. Invited Talks
- Annual Meeting of the Italian Society of Protozoology, Pisa, Italy, 2010. Invited talk.
- 2nd International Workshop on the Center of Excellence in Biodiversity Research, Saudi Arabia, 2010. Keynote talk
- XIII International Congress of Protozoology, Brazil, 2009. Invited talk.
- Joint meeting of the international society of Protistologists and the British society for Protista Biology, University of Kent, Canterbury, 18-23 July 2009.
- 2^{ed} International Workshop on the Center of Excellence in Biodiversity Research, Saudi Arabia, 2009. Keynote talk.

Publications:

Publications summary:

Professional books (edited)	3
Book chapters	1
Research publications (peer reviewed)	91
Others (conference proceedings, abstracts etc.)	21
Total	116

Recent publications in ISI Journals:

Beyond the "Code": A Guide to the Description and Documentation of Biodiversity in Ciliated Protists (Alveolata, Ciliophora). (2017). Journal of Eukaryotic Microbiology 64 (4): 539-554.

Diversity of free-living marine ciliates (Alveolata, Ciliophora): Faunal studies in coastal waters of China during the years 2011–2016. (2017). *European Journal of Protistology*. <http://dx.doi.org/10.1016/j.ejop.2017.04.007>.

Systematic studies on ciliates (Alveolata, Ciliophora) in China: Progress and achievements based on molecular information. (2017). *European Journal of Protistology*. <http://dx.doi.org/10.1016/j.ejop.2017.04.009>.

Evolutionary origins of abnormally large shoot sodium accumulation in nonsaline environments within the Caryophyllales. (2017). *New phytologist* 214 (1) 284-293.

An overview of wetlands of Saudi Arabia: Values, threats, and perspectives. (2017). *Ambio* 46 (1): 98-108.

Morphology and morphogenesis of a new oxytrichid ciliate, *Notohymena limus* n. sp (Ciliophora, Oxytrichidae) from Delhi, India. (2016). *Saudi Journal of Biological Sciences* 23 (6): 789-794.

Microbial-meiofaunal interrelationships in coastal sediments of the Red Sea. (2016). *Saudi Journal of Biological Sciences* 23 (6):327-334.

In vitro antioxidant and anti-herpes activities of *Cuminum cyminum* seeds extract. (2016). *Biomedical research-India* 27 (4): 1255-1260.

Reproductive biology of the Suez Canal spider crab *Schizophrys aspera* (H. Milne Edwards, 1834: Crustacea: Brachyura: Majidae). (2015) *Saudi Journal of Biological Sciences* 22 (6): 789-794.

Impact of nitrogen regime on fatty acid profiles of *Desmodesmus Quadricaudatus* and *Chlorella* sp and ability to produce biofuel. (2015): *Acta Botanica Hungarica* 57 (1-2): 205-218.

Population fluctuation and vertical distribution of meiofauna in the Red Sea interstitial environment. (2015). *Saudi Journal of Biological Sciences* 22 (4): 459-465.

Cilioprotists as biological indicators for estimating the efficiency of using Gravel Bed Hydroponics System in domestic wastewater treatment. (2014). *Saudi Journal of Biological Sciences* 21 (3): 250-255.

Tintinnids (Ciliophora: Choreotrichia) of the Suez Canal and their transmigration process between the Red Sea and the Mediterranean Sea. (2014). *Aquatic Ecosystem Health & Management* 17 (4): 454-462.

Evaluation of the Cytotoxic and Antiviral Activities of Partially Purified *Naja haje haje* Venom. (2014): *Journal of Pure and Applied Microbiology*. 8(5). 3807-3812.

Citrus sinensis Peel Extract Induced In vitro Effects on Herpes Simplex Virus. (2014): *Journal of Pure and Applied Microbiology*, 8(5). 3807-3812.

Abundance and trophodynamics of surface microbial loop populations in the northern Red Sea. (2013). *Aquatic Ecosystem Health & Management* 16 (1): 51-61.

Taxonomic Descriptions of Two Marine Ciliates, *Euplotes dammamensis* n. sp and *Euplotes balteatus* (Dujardin, 1841) Kahl, 1932 (Ciliophora, Spirotrichea, Euplotida), Collected from the Arabian Gulf, Saudi Arabia. (2013). *Acta Protozoologica* 52 (2): 73-89.

The potential use of the bivalve *Donax trunculus* as Bio-indicator for heavy metal pollution of Port Said western coast on the Mediterranean Sea. *Life Sci J* 2013; 10(4):1094-1101].

Patterns of microbial activity in the shallow bottom sediments of Lake Manzala, Egypt. (2013). *African Journal of Aquatic Science* 38 (3): 323-329.

Copepod dynamics in the epipelagic zone of two different regional aquatic ecological basins at the northern Red Sea, Egypt. (2013); *Life Sci J* 10(4):405-412.

Microbial Loop Populations: Their Abundances and Trophodynamics in the Gulf of Aqaba, Red Sea. (2012). *Turkish Journal of Fisheries and Aquatic Sciences*. 12 (3): 565-573.

Heavy Metals Contamination of a Mediterranean Coastal Ecosystem, Eastern Nile Delta, Egypt. (2012). *Turkish Journal of Fisheries and Aquatic Sciences*. 12 (4): 751-760.

Spectral enhancement of SPOT imagery data to assess marine pollution near Port Said, Egypt', (2012) *International Journal of Remote Sensing*, 31: 7, 1753 —1764.

Reproductive strategy of the jellyfish *Aurelia aurita* (Cnidaria Scyphomedusae) in the Suez Canal and its migration between the Red Sea and Mediterranean. (2012). *Aquatic Ecosystem Health & Management* 14 (3): 269-275.