

Curriculum Vitae

Personal Details

Full name: Emadeldeen Hassan Mohammed Elfahal

Date of birth: 1972.01.01

Place of birth: Abuhamed Sudan

Nationality: Sudanese

Marital Status: Married, 4 sons

Passport No: P09829064

Language: Arabic (mother tongue) – English

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Education

B.Sc. (honours) in Marine Sciences (Fisheries), Faculty of Marine Sciences and Fisheries, Red Sea University, Port Sudan, Sudan (October 1998)

M.Sc. in Environmental Studies, Institute of Environmental Studies, University of Khartoum, Khartoum, Sudan (May 2004)

Ph.D in Marine Biology, Xiamen University, Xiamen, China (June 2011)

Administrative Positions

Head Department of Environment and Natural Resources, Faculty of Applied Sciences, Red Sea University, Port Sudan, Sudan (2014 –2018)

Deputy Dean, Faculty of Graduate Studies, Red Sea University Port Sudan, Sudan (Nov 2019- Mar 2022)

Dean, Faculty of Graduate Studies, Red Sea University Port Sudan, Sudan (April 2022 – upto Now)

Job Grades

Teaching assistant, Department of Environment and Natural Resources, Faculty of Applied Sciences, Red Sea University Port Sudan, Sudan (2000-2004)

Lecturer, Department of Environment and Natural Resources, Faculty of Applied Sciences, Red Sea University, Port Sudan, Sudan (2004-2011)

Assistant professor, Department of Environment and Natural Resources, Faculty of Applied Sciences, Red Sea University, Port Sudan, Sudan (2011-2016)

Associate professor, Department of Environment and Natural Resources, Faculty of Applied Sciences, Red Sea University, Port Sudan, Sudan (2017-2018)

Associate professor, Department of Biological Oceanography, Faculty of Faculty of Marine Sciences and Fisheries , Red Sea University, Port Sudan, Sudan (Jan 2019 up to now)

Work Experience

Head of Examination Committee, Faculty of Applied Sciences, Red Sea University

Member of Faculty Board, Faculty of Applied Sciences, Red Sea University (2014 –2018)

Member of Scientific Committee, Red Sea University, Port Sudan, Sudan (2014 – 2019)

Member of University Senate , Red Sea University, Port Sudan, Sudan (Sep. 2014 –2018; 2019 – up to now)

Head and Member of Environmental Impact Assessment Committees for different developmental projects, Red Sea State, Sudan

Teaching Courses

Introduction to Ecology, Population Dynamics, Marine Environment, Environmental Impact Assessment, Ecotoxicology, Environmental Pollution, Environmental Chemistry, Marine Natural Resources & Scientific Research Methodology.

Scientific Research

Research Field: Pollution & Environmental Toxicology (marine environment)

Thesis

B.Sc: Age and Growth Estimation of Bohar Fish

M.Sc: The Impact of Dairy and Beverage Industrial Effluents on Water Quality

Ph.D: Physiological and Biochemical Responses of Marine copepods in Different Ecological Habitats to Nickel and Cadmium Exposure

Supervision: numbers of M.Sc & Ph.D Students

Publication: 7 scientific papers with total citation: 97

- [1] **Mohammed E. H.**, Wang G., Jiang J. The effects of nickel on the reproductive ability of three different marine copepods. **Ecotoxicology**, **2010**, 19: 911–916
- [2] **Mohammed E. H.**, Wang G., Xu Z., Liu Z., Wu L. Physiological response of the intertidal copepod *Tigriopus japonicus* experimentally exposed to cadmium. **AACL Bioflux**, **2011**, 4: 99–107
- [3] Liu Z., Wang G., Ye H., Li S., Tao Y., Lin Q., **Mohammed E.H.** Tag performance and physiological responses of juvenile mud crabs *Scylla paramamosain* tagged with visible implant elastomer. **Fisheries Research**, **2011**, 110: 183–188

- [4] **Mohammed E. H.** Biochemical response of the cyclopoida copepod *Apocyclops borneoensis* exposed to nickel. **Jordan Journal of Biological Sciences**, 2014, 7(1): 41-49
- [5] **Mohammed E. H.** Effects of cadmium on the reproductive ability of three species of marine copepods. **Red Sea University Journal of Basic and Applied Science**, 2016, 1 (1): 7-18
- [6] **Mohammed E. H.** Differential protein expression of the intertidal copepod *Tigriopus japonicus* exposed to cadmium. **Red Sea University Journal of Basic and Applied Science**, 2017, 2 (1): 389-402
- [7] **Mohammed E. H.** Acute toxicity of cadmium and nickel to three marine copepods. **Scientific Journal of King Faisal University (Basic and Applied Sciences)** , 2017, 18 (2): 9-17
- [8] **Mohammed E. H.** Life-cycle toxicity with the intertidal copepod *Tigriopus japonicus* exposed to nickel. **Manuscript submitted to Marine Pollution Bulletin**.

Conferences

- [1] **Member of the Scientific Committee**, First International Conference on Engineering and Applied Sciences, (2107), Red Sea University, Port Sudan, Sudan
- [2] **Environmental Sciences & Biology Track Director** in the First International Conference on Engineering and Applied Sciences, (2107), Red Sea University, Port Sudan, Sudan.
- [3] **A reviewer** in the First International Conference on Engineering and Applied

Sciences, (2107), Red Sea University, Port Sudan, Sudan.

- [4] **A presenter** in the First International Conference on Engineering and Applied Sciences, (2107), Red Sea University, Port Sudan, Sudan.

Training Courses & Workshops

- [1] **Training course** in collection and preservation of biological specimens, (2000), University of Khartoum, Khartoum, Sudan.
- [2] **International workshop** on endocrine disruptor and POPs, (2010), Xiamen University, Xiamen, China.
- [3] **Workshop** on skills of education, learning & scientific research, (2012), Red Sea University, Port Sudan, Sudan.
- [4] **Basic Training course** on application of instructional technology in university teaching, (2013), University of Khartoum, Khartoum, Sudan.
- [5] **Initial Training course** in systems and methods of university teaching, (2013), University of Khartoum, Khartoum, Sudan.
- [6] **Initial Training course** in evaluation and measurement, (2013), University of Khartoum, Khartoum, Sudan.
- [7] **Advance Training course** in strategic planning for the quality of higher education, (2013), Red Sea University, Port Sudan, Sudan.
- [8] **Training course** in preparation of scientific paper for publishing in peer reviewed journals, (2014), Red Sea University, Port Sudan, Sudan.
- [9] **Training course** of animal science, (2014), Yangzhou University, Yangzhou, China.

- [10] **Training course** in total quality management (international program), (2015), Althuraya Training & Human Development Center, Port Sudan, Sudan.
- [11] **Training course** in kaizen management system (international program), (2015), Althuraya Training & Human Development Center, Port Sudan, Sudan.
- [12] **Training course** on academic advising, (2016), Red Sea University, Port Sudan, Sudan.
- [13] **Training course** on basic concepts of molecular biology and bioinformatics, (2017), National Research Centre, Ministry of Higher Education and Scientific Research, Khartoum, Sudan.
- [14] **Training course** in remote sensing and GIS, (2018), Red Sea University, Port Sudan, Sudan.

Skills

Writing Scientific Reports and Publishing

Excellent internet user for finding scientific knowledge and literature review.

Working on computer software such as excel, power point and microsoft word under windows.