

C.V.



Personal information:

First Name	Mubarak Eisa Abdel-Rahman
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Provision	University Researcher and Lecturer
Experience	Expert and consulting in biofloc aquaculture and aquaponic

Academic Background:

Ph.D. (Aquaculture Nutrition)	Ph.D. in Aquaculture Nutrition, Faculty of fisheries & Aqua-Industry Universiti Malaysia Terengganu (UMT), Kuala Terengganu, Terengganu, Malaysia (2008 -2013).
M.Sc. (Zoology, Fisheries Science)	Saifia College, Bhopal University, Bhopal, MP state, India (1994-96).
B.Sc. (zoology)	Aligarh Muslim University (AMU), Aligarh, UP State, India (1988-91).
Post Degree Diploma	Diploma in Medical Laboratory Technology, New Delhi, India (1995)
Higher secondary school (3 years)	Khartoum Elgadieda Secondary School (Boys), Khartoum, Sudan.
Intermediate school (3 years)	El-sahafa Garb Intermediate School (boys), Khartoum, Sudan.
Primary school (6 years):	Elshaheed Eltahir Primary School (boys), Khartoum, Sudan.

Civil service experiences

- Coordinator and Represented of Republic of Sudan for INFOSAMAK (2000-2002).
- Head Technical Office attached to General Director of General Administration of Fisheries and Aquatic Organisms Office, Ministry of Livestock, Fisheries and Rangelands, Sudan (2000-2002).
- Fisheries officer in Fish Conservation and Statistics Department, General Administration of Fisheries and Aquatic Organisms, Ministry of Livestock, Fisheries and Rangelands, Sudan (1997-1999).

Academic experiences

- Director of Center for Human Resources Development and Continual Learning, University of Bahri, Khartoum, Sudan (from 2020 to 2022).
- Head of Fisheries Sciences Department, College of Natural Resources and Environmental Studies, University of Bahri, Khartoum, Sudan 2013 up to 2019).
- Senior lecturer in Faculty of Natural Resources and Environmental Studies, Fisheries Department, University of Bahri, Khartoum, Sudan (2011-2013)(before separation).
- Head of Fisheries Sciences Department, Faculty of Animal Production, Upper Nile University, Malakal, Upper Nile State, Sudan (2003- 2007).
- Senior lecturer in Fisheries Sciences Department, Faculty of Animal Production, Upper Nile University, Malakal, Upper Nile State, (present Sudan (2003- 2011) (before separation).

Short courses attended

- Course in Fisheries Extension and orientation of fisheries officers and fishermen, organized by The National Centre for Cooperation training, Ministry of Foreign Trading, Khartoum, Sudan (3 days, 2000).
- Course in Statistics and Experimental Design organized by Animal Production Research Center, Federal Ministry of Animal Resources, Sudan (50 credits hours, 2000).
- Educational and Preparation course for university research and teaching staff organized by Staff Center Development, Khartoum University-Omdurman, Sudan (from 6th Aug. to 9th Sept. 2007).

Workshops

- Member of consultant team of UNESCO Chair in Water Recourses-Assigned fisheries sector in the team dealing with (Guidelines on Lake Nasser/Nubia Management Project) Funded by world Bank which will finish by end of 2015.
- Lecture On Crucial Scientific Writing Aids: Citation Manager, Graphing and Statistical Analysis Software organized by Institute of Tropical Aquaculture, Universiti Malaysia Terengganu, Kuala Terengganu, Terengganu, Malaysia (21st October 2012).
- UMT Graduate Studies Introduction workshop organized by Graduate School, Universiti Malaysia Terengganu, Kuala Terengganu, Terengganu, Malaysia (1st February 2010).
- Cracking the code in Induction Workshop for Master/PhD. Student organized by Graduate School, Universiti Malaysia Terengganu, Kuala Terengganu, Terengganu, Malaysia (2nd and 3rd August 2008).

Seminars

- Post-graduate Seminar of Faculty of Agro-technology and Food Science (Oral presentation) from 23th to 25th May 2011, Universiti Malaysia Terengganu.
- Good Measurement Practice Seminar organized by METTLER TOLEDO, Kuantan, Pahang, Malaysia (8th July 2010).
- Biotech Talk Series-6 'Unlocking the Secrets of Nature' organized by Institute of Marine Biotechnology (IMB), Universiti Malaysia Terengganu, Kuala Terengganu, Terengganu, Malaysia (15th -16th December 2008).

International Conferences

- International fisheries Symposium (Towards a Sustainable Fisheries in South East Asia' from 3rd to 5th October 2011 at Permai Hotel, Kuala Terengganu, Terengganu, Malaysia.
- Global Conference on Aquaculture 'Farming the Waters for People and Food' from 22nd to 25th September 2010 at Movenpick Resort and Spa, Karon Beach, Phuket, Thailand.
- Participation in 'Second International Doctoral Education Research Network's' for postgraduates at Universiti Malaysia Putra from 21st to 22nd April 2010.
- Oral presentation and participation in 'Asian-Pacific Aquaculture 2009 Kuala Lumpur, Malaysia'.

Publications

Published papers

- Mubarak Eisa A.T., Ali Awad A.M., 2020. Determination of some heavy

metals content in the body of two popular fish species *O.niloticus* and *L. niloticus*, in lake Nubia, Wadi Halfa, Sudan. *Journal of Aquaculture & Marine Biology*. 9(5): 170-175.

- Mubarak Eisa A.T., Abdalla Nassir E.A., Abdelgadir M.M., 2018. Current status and sustainability issues of marine resources and biodiversity in Sudanese national red sea water. *Journal of Aquaculture & Marine Biology*. 7(2): 110-112.
- A-Rahman Tibin M.E., Abol-Munafi AB, Amiza A.M., Khoda Bakhsh, H. and Adam Sulieman, H.M. 2012. Apparent digestibility coefficient of pelleted fish feed incorporated with water hyacinth (*Eichhorniacrassipes*). *Online J. Anim. Feed Research*, 2(1): 30-33.
- Mubarak Eisa A-Rahman Tibin, Ambok Bolong Abol-Munafi, Amin Mat Amiza and KhodaBakhsh Hamid 20011. Evaluation of Nutritive value and the amino acids profile of Water Hyacinth (*Eichhorniacrassipes*) and its usefulness as a source of compound diet preparation in fish feed. *SUZA Journal of Natural and Social Science*, 1(1): 87-97.
- Mubarak, E.A.T., Amiza, M.A., Bakhsh, H.K. and Abol-Munafi, A.B., 2011. Apparent Digestibility Coefficients of Pelleted Feed Incorporated with Water Hyacinth (*Echhorniacrassipes*) Fed to Red Tilapia, [*Oreochromis mossambicus* (Peters, 1852) x *O. niloticus* (Linnaeus, 1758)]. *Agricultural Journal*, 6(6): 322-326.

Master-level by research & courses supervision

- Supervising 5 Master candidates on the field of, Fish pathology, fish nutrition, evaluation of phytoplankton as live fish feed, formulation of nutritionally balanced cheap fish feeds in a friendly approach to environments, the introduction of Aquaponic as culture system in houses back yards.

Undergraduate supervision

- Currently, supervising 2 groups of students on topics titled “Incorporation of dried earthworm meal in the feed of *O. niloticus* Fingerlings” and “Effect of Lipidol incorporated in different level on digestibility and performance of *O. niloticus* Fingerlings”.
- Supervising 2 undergraduate students on topic titles as: “The effect of feeding regime on growth performance, feed utility and survival rates of *O. niloticus*”(2015-2016).
- Designing aquaponic experiments and researches to produce fish and vegetables in small scale handled by Fisheries Science Department students, University of Bahri (2014-2016).

External examiner for M.Sc. candidates

- التركيب الوزني والتحليل الكيميائي لبعض اسماك النيل التجارية" الطالبة سحر عبد المعروف محمد الحسن عبود, كلية الانتاج الحيواني
- Effect of Dietary Palm Date Pits Replacement on Growth Performance of Hormone treated *O. niloticus* Fingerlings Reared in Control Condition” by Nidal Mohammed Siddig Sewar, College of Animal Sciences& Technology,

the University of Sudan for Science & Technology 2016

- “Effect of high ammonia and low oxygen levels on respiratory system of Nile tilapia fingerlings” by candidate: Mohammed Ibrahim Ahmed Ibrahim, College of Animal Sciences & Technology, University of Sudan for Science & Technology 2016.
- “Economics of fish farms in Khartoum state” by candidate: Awad Bagadi Mohammed Bagadi (25/12/2016)

Undergraduate final year projects

- The response of *Oreochromis niloticus* to diets contain *Acacia siberiana* meal as a source of protein.
- Influence of probiotics on growth and proximate composition of *Oreochromis niloticus*.
- Impact Climate changes on the marine coastal ecosystem in Swakin.
- تأثير اضافة نبات المونجا كمصدر للبروتين في علائق اسماك البلطي النيلي
- Evaluation of water quality of three Sudanese Dams.
- Survey of protozoa parasites infestation of *C.gareipinus* collected from to Myaa at Dinder National Park.
- Physiochemical characteristics of four Commercial Nile fish
- Bodyweight characteristics of *Oreochromis niloticus* collected from three Sudanese Dams.
- Socioeconomics characteristics of fishermen JabelAwlia at Khartoum State
- Growth performance of *Oreochromis niloticus* fingerlings fed with fresh and pelleted feeds
- Microbial load and proximate composition of fresh Nile Tilapia (*Oreochromis niloticus*) collected from different markets at Khartoum state by candidates Safa Osman Abdalgader and Afdal Mohamed Bashir (Sudan University for Science & technology).
- Accumulation of heavy metals in water and flesh of *Oreochromis niloticus* collected from three Sudanese dams.
- دراسة حالة الشعب المرجانية في البحر الاحمر عبر تقنية الاستشعار عن بعد
- Effect of pumpkin seeds meal on growth performance and proximate composition of *Oreochromis niloticus* fingerlings.
- Effect of water quality on the aquaponic system.
- تقييم الوضع الراهن في مصايد النيل الازرق قبل وبعد تعليية الخزان
- Physiochemical evaluation of Burger made from *C. gareipinus* and *Heterotis niloticus*.

Committees and associations

- Fisheries of Experts and Member of team of UNESCO Chair in Water Resources (Omdurman Islamic University).
- Member in Asian fisheries Society.
- Head of Malaysian Technical Cooperation Program Almuni Organization-Sudan

Community services

- In charge and consultant of Alyarmok industrial complex fish farms
- Private designing, layout, establishing fish farms
- Football and athletics club's activist.