

APPLICATION LETTER

Dear Sir/Madam

I wish to apply for Fresh water Aquaculture Expert position. I believe I would enjoy the challenge and the opportunity to learn provided by this position. I also recognize the invaluable experience that would be gained working with the largest name in the industry.

I am currently working as assistant professor in a position of Deputy Dean of College of Animal Production Science and Technology at Sudan University of Science and Technology System, SUDAN. Over the past three years in particular, I have published more than seven papers in ISI journals in field basically dealing with aquaculture nutrition and management. I have attained hands on excellent experience in disciplines involving large professional-style projects, communications, management and business skills. Currently I'm involving in three large projects in our university; two out of the three are dealing with experimental aquaculture nutrition, mainly for freshwater species.

My work in the multispecies fish hatchery site in the Philippines, the second largest facility in the Philippines, has strengthened my leadership, teamwork, problem-solving and decision-making abilities and has enabled me to acquire expertise in all facets of successful aquaculture management and implementation projects practices. I believe that these factors, along with my broad information and biological background knowledge base, my extensive experience in the field of aquaculture along with my personal skills such as initiative, creativity, adaptability and a willingness to learn will enable me to excel in this position and suite and promote further my qualifications and standard to the role of the position offered.

Now, with full support of the government; I'm establishing the biggest aquaculture facility (hatchery and rearing facility) for freshwater species in Sudan based in our university. Since it will help out putting together the technologies and formation principles of the sector in our place for good practices, I believe this project will further offer more opportunities for local and private sectors to be part of the bloom of the industry in Sudan.

Please find attached my resume, and I would appreciate the opportunity if given and I look forward to hear from you soon.

Yours faithfully

CURRICULUM VITAE

1. **Family Name: MOHAMED**
2. **First Name: ASAAD**
3. **Date of Birth: NOVEMBER 9, 1974**
4. **Nationality: SUDANESE**
5. **Civil Status: SINGLE**
6. **Present Address: KHARTOUM - SUDAN**
7. **Contact Details: 00249122581503 , E-mail address: asaadaqua@gmail.com**
8. **Education (most recent first)**

Institution (date from - to)	Degree(s) or Diploma(s) obtained:
UNIVERSITY OF THE PHILIPPINES VISAYAS (2009-2013) - PHILIPPINES	PhD, Degree By Courses in Fisheries Major in Aquaculture {Aquaculture Nutritional Physiology}
UNIVERSITY OF THE PHILIPPINES VISAYAS (2005-2008) - PHILIPPINES	MSF, Degree By Courses in Fisheries Major in Aquaculture {Aquaculture Hatchery Management and Nutrition}
RED SEA UNIVERSITY - PORTSUDAN (1996-2001) - SUDAN	BSc, Degree in Ocean Science and Fisheries {Marine Biology}

9. **Language Skills (1 excellent - 5 basic)**

Language	Reading	Speaking	Writing
ARABIC (MOTHER TOUNGUE)	1	1	1
ENGLISH	1	1	1

10. **Membership of Professional Bodies**

- Member of Sudanese Society of Marine Environment Protection, Khartoum - Sudan.
- Member of Sudanese Agricultural Council, Khartoum – Sudan.
- Member of Sudanese Agricultural Engineers Union, Khartoum - Sudan.

11. **Other Skills**

- Data and Specimens Collection Skills.
- Computer and Scientific Writing Expert.
- Experimental Designs and Study Plans Critique.
- Statistical Package of Social Sciences (SPSS), Sigma Stat and Sigma Plot Software.
- Curriculums Development Expert.
- Design and Write a Multi-disciplinary Proposals for Regulatory Fisheries and Aquaculture Firms for Decision Making and Policies as well as Code of Conduct Implementation and Reinforcements.

12. **Present Position: ASSISTANT PROFESSOR/RESEARCHER/DEPUTY DEAN**

13. **Years within the Firm: Sudan University of Science and Technology {13 YEARS}**

14. **Key Qualifications/Skills**

- Proven experience for more than 5 executive years in supervising and teaching practical sessions for undergraduate students in a field of marine invertebrates, coral reefs, marine Algae, distribution of Sea weeds, fish biology and fish culture. Also managing seminars, tutorials and field trip tours.
- More than two years' experience on holding classes in varies fields of fisheries sciences such as Aquaculture, fresh water fishes, aquatic ecological concepts, fish biology, oceanography, fish physiology, fish health and management, fishing gears and methods, fish processing and technology, fish nutrition and natural foods production as well as waste management in aquaculture.
- Knowledgeable in the field of marine fin fish hatchery management for more than two years, as well as shrimp hatchery and grow-out operations. In addition to that, have hands on experience in the

field of cages, pens, ponds and tanks aquaculture systems practices for marine fishes such as grouper, sea bass, milkfish and mangrove red snapper.

- Deep, intensive knowledge and hands on in the field of fresh water fishes such as tilapia and African catfish hatchery and grow-out operations and management as well as fresh water prawn and Nile perch (*Lates niloticus*).
- More than three years hands on experience in a field of cages, pens, ponds and tanks aquaculture systems designs and constructions practices for fresh water fishes such as tilapia and catfish.
- Deep and intensive knowledge and hands on practices for more than 4 years on in the field of fresh water fishes such as tilapia and African catfish hatchery and grow-out operations and management.
- **A long with that**, knowledgeable in the field of feed formulation and feed ingredients preparation techniques to assure low cost effectiveness and ingredient's applicability for certain species, by utilizing most advanced and recent feed formulation guidance and software programming system.
- Knowledgeable in the field of water quality management and control practices in terms of laboratory and outdoor analyses as well as natural food management and control in situ.
- Knowledgeable in the field of post-harvest activities in terms of harvesting, preserving, processing and quality control requirements for the final product whether from capture fisheries nor various aquaculture systems by using most advanced and recent technologies by which the quality of the final product be maintained.
- Knowledgeable in the field of integrated fish farming technologies and waste management in aquaculture, furthermore exercising aquaculture environment friendly approaches.

15. Other Relevant Information

- Presentable, highly motivated, hard worker, full of humanity and ability to work under any circumstances.

Publications in Peer-Review Journals

- **Asaad H. Mohamed**, Valeriano L. Corre Jr., Nieves A. Toledo, Roman C. Sanares, 2008. Effects of Stocking Density and Feeding Regimes on Water Quality, Growth and Survival of All-Male Tilapia *O. mossambicus* in Concrete Tanks. *Sudan Veterinary Medicine and Animal Husbandry Journal*. Vol. 47(1, 2).
- **Asaad H. Mohamed**, Rex Ferdinand M. Traifalgar, Augusto E. Serrano, Jose P. Peralta, Fiona L. Pedroso, 2012. Dietary Administration of Dehydroepiandrosterone Hormone Influences Sex Differentiation of Hybrid Red Tilapia *O. Niloticus* x *O. mossambicus* Larvae. *Journal of Fisheries and Aquatic Science*, 7: 447-453.
- **Asaad H. Mohamed**, Rex Ferdinand M. Traifalgar, Augusto E. Serrano. Jr., 2013. Optimum Dosage for Growth of Dietary Dehydroepiandrosterone in Hybrid Red Tilapia Fry *O. niloticus* x *O. mossambicus* Linn. *European Journal of Experimental Biology*, 3(1):255-259.
- **Asaad H. Mohamed**, Augusto E. Serrano. Jr., Rex Ferdinand M. Traifalgar., 2013. Variations in the Rate of Oxygen Consumption by Fry and Fingerlings of the African Catfish *Clarias gariepinus* (Burchell, 1822). *European Journal of Experimental Biology*, 3(1):348-353.
- Abdullah W. Al Zahrani, **Asaad H. Mohamed**, Augusto E. Serrano. Jr., Rex Ferdinand M. Traifalgar, 2013. Effects of Feeding Rate and Frequency on Growth and Feed Utilization Efficiency in the Camouflage Grouper *Epinephelus polyphekadion* Fingerlings Fed a Commercial Diet. *European Journal of Experimental Biology*, 3(1):596-601.
- **Asaad H. Mohamed**, Rex Ferdinand M. Traifalgar., Augusto E. Serrano. Jr., 2013. Maternal Size Affects Fecundity of Saline-Tolerant Tilapia *Oreochromis mossambicus* (Peters) in Freshwater Tanks. *Annals of Biological Research*, 4 (3):138-142.
- **Asaad H. Mohamed**, Rex Ferdinand M. Traifalgar., Augusto E. Serrano. Jr., 2013. Assessment of Probiotic Application on Natural Food, Water Quality and Growth Performance of Saline Tilapia *Oreochromis mossambicus* Linn Cultured in Concrete Tanks. *Fisheries and Aquaculture Journal*, Vol. 2013: FAJ-75.
- **Asaad H. Mohamed**, 2013. Evaluation of Growth Response and Food Utilization Efficiency in Tilapia *Oreochromis mossambicus* (Peters) Fingerlings Fed Supplemented Dietary Protein Levels with Varying Feeding Rates in Concrete Tanks. *Fisheries and Aquaculture Journal*, Vol. 2013: FAJ-83.

Other Trainings and Education

- Tilapia Hatchery and Grow-Out Operations Training, SEAFDEC/AQD Freshwater Aquaculture Station Binangonan, Rizal City – Philippines, April 2007.
- Shrimp Farming with Emphasis on Shrimp Health Management Training, SEAFDEC/AQD, Tigbauan, Iloilo, Philippines, April 2010.
- Marine Fish Hatchery Training, Grouper, Red Snapper, Sea Bass, Milkfish, Rabbit Fish and Pompano, SEAFDEC/AQD, Tigbauan, Iloilo, Philippines, June 2010.
- Natural Food Production Training, SEAFDEC/AQD, Tigbauan, Iloilo, Philippines, May 2010.
- Community-Based Resource Enhancement Training, SEAFDEC/AQD, Tigbauan, Iloilo, Philippines, July 2011.
- Systems and Methods in University Teaching Training, University of Khartoum, Omdurman, Khartoum, Sudan, July 2013.
- Catfish Hatchery and Grow-Out Operations Training, SEAFDEC/AQD Freshwater Aquaculture Station Binangonan, Rizal City – Philippines, October 2014.

Seminars, Lectures and Conferences Abstracts and Attendance

- 9th International Symposium on Tilapia in Aquaculture, Shanghai, China, April 2011.
- Abstract Presented at AQUACULTURE 2012 Conference and Exposition, Prague, Czech Republic, September 2012.
- Abstract Presented at AQUACULTURE 2013 Conference and Exposition, Nashville, USA, February 2013.
- International Workshop on Resource Enhancement and Sustainable Aquaculture Practices in Southeast Asia, Iloilo City, Philippines, March 2014.

Scholarships and Funds for Research Received

- Full Bright Scholarship Grant for Master Degree, Sudan Government through Sudan University of Science and Technology, 2005-2008.
- Full Bright Scholarship Grant for Doctorate Degree, Sudan Government through Sudan University of Science and Technology, 2009-2013.
- In-House Grant for Research Project, University of The Philippines Visayas, 2012-2013.
- On going in-House Grant for Research Project, Sudan University of science and Technology, 2014-2016.