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**EDUCATION**

M.Sc. (Aquaculture), Auburn University – Alabama USA, 2003
B.Sc. (Fisheries), Moi University – Kenya, 1996

SHORT COURSES

1. Fisheries Governance Course - Wageningen UR, Netherlands - 3rd to 22nd November 2014
2. Aquaculture Production and Management Course - Cairo Egypt - September 2014
3. Aquaculture Production & Management Course - Rehovot, Hebrew University of Jerusalem - March 2014
4. Regional Training on Promoting Commercial Aquaculture Management and Development - 23rd to 27th September 2013 - Central Inn Hotel, Entebbe, Uganda (ACP Fish II Project)
5. Senior Management Course - February 2012 - Government Training Institute, Mombasa.
6. Training on Project/Program Monitoring and Evaluation – 23rd to 27th June 2008, KIA Nairobi
7. Training on Quantitative Genetics Applied to Fish Improvement - October 9-23rd 2005, Bangkok-Thailand, WorldFish Center and Asian Institute of Technology.
8. Training on Pond Construction and Commercial Fish Farm Management - November 2001, Sagana Aquaculture Centre, Kenya (USAID-CRSP)
9. Fisheries Officers' Induction Course - 9th to 22nd March 1997 - Kenya Wildlife Service Training Institute (KWSTI), Naivasha.

AREAS OF INTEREST

- Fish seed production and hatchery management – captive breeding and larval rearing of warm water fish species e.g. Nile tilapia and African Catfish, Milkfish
- Fish nutrition – fish feed formulation using locally available feed ingredients, replacement of fish meal with plant protein sources
- Enhancing commercialization and sustainability of aquaculture through use of quality seed, adoption of Best Management Practices (BMPs), and increased business orientation.
- Fish genetics – selective breeding to produce genetically improved fish strains (fast growing and disease fish resistant strains)

PUBLICATIONS AND CONFERENCE PRESENTATIONS**Conference Presentations and Proceedings**

1. **Osure G.O. 2014.** Kenya Aquaculture Status Report. FAO Aquaculture Conference Proceedings. January 2014, Lusaka Zambia.
2. **Charo-Karisa H, Osure G.O, and Gitonga N. 2007.** Catfish Research, Production and Marketing in Kenya, In Ponzoni, R.W. and N.H. Nguyen (Eds). 2008. Proceedings of a

Workshop on the Development of a Genetic Improvement Program for African catfish *Clarias gariepinus*. WorldFish Center Conference Proceedings Number 1889. The WorldFish Center, Penang, Malaysia. 33-41 p.

Publications

1. **Orina P S, Maina J G, Wangia S M, Karuri E G, Mbutia P G, Omolo B, Owiti G O, Musa S and Munguti J M 2014:** Situational analysis of Nile tilapia and African catfish hatcheries management: a case study of Kisii and Kirinyaga counties in Kenya. *Livestock Research for Rural Development*. Volume 26, Article #87. Retrieved February 11, 2016, from <http://www.lrrd.org/lrrd26/5/orin26087.html>
2. **Maina J G, Mbutia P G, Ngugi J, Omolo B, Orina P, Wangia S M, Karuri E G, Maitho T and Owiti G O 2014:** Influence of social-economic factors, gender and the Fish Farming Enterprise and Productivity Project on fish farming practices in Kenya. *Livestock Research for Rural Development*. Volume 26, Article #36. Retrieved February 11, 2016, from <http://www.lrrd.org/lrrd26/2/main26036.htm>
3. **Safina M, Aura C.M, Osure G.O, Charo-Karisa H, Orina P and Nyonje B.** Fish farming enterprise productivity program (FFEPP) as an impetus to *Oreochromis niloticus* (L.) farming in Western Kenya: Lessons to learn. **African Journal of Agricultural Research Vol. 7(8), pp. 1324-1330, 26 February, 2012**
4. **Charo-Karisa. H., Osure G.O. and Gitonga, N.K.** Catfish Research, Production and Marketing in Kenya. In Ponzoni, R.W. and N.H. Nguyen (Eds). 2008. Proceedings of a Workshop on the Development of a Genetic Improvement Program for African catfish *Clarias gariepinus*. WorldFish Center Conference Proceedings Number 1889. The WorldFish Center, Penang, Malaysia. 33-41 p.
5. **Osure. G.O and Phelps. R.P, 2006.** Evaluation of Reproductive Performance and Early Growth of four strains of Nile Tilapia (*Oreochromis niloticus*, L) with different histories of domestication. **Aquaculture Vol. 253, Issues 1-4. March 2006, Pages 485-494.**
6. **Osure. G.O.** Evaluation of Reproductive Performance, Early Growth and Microsatellite Variability of four strains of Nile Tilapia, *Oreochromis niloticus*, (Linneus). Msc. Thesis. Auburn University, Alabama USA

RESEARCH WORK

- Enhancing commercialization and sustainability of aquaculture through improved seed and production environment. University of Nairobi, State Department of Fisheries, and KMFRI - (NACOSTI funded). **2011-2013**
- Impact of Fish Farming Economic Stimulus Program. Kenya Marine and Fisheries Research Institute and State Department of Fisheries. Safina Musa, Harrison Charo Karisa, George O. Osure, Aura C.M., B. Nyonje, and Orina Paul. **2012**
- Evaluating the effects of climate change on food security and living standards of the inhabitants of the Lake Victoria basin – University of Nairobi and State Department of Fisheries. Mr. Charles Oduol, Mr. George Owiti, Mr. Jacob Odhiambo. **2010**

- Rice-Cum-Fish culture research in Mwea rice fields. Nairobi University and Sagana Aquaculture Research Centre (State Department of Fisheries) - Funded by AICAD. Dr. Joyce Maina, Mr. George Owiti Osure and Mr. Bethuel Omolo. **2006**

COMMUNITY PARTICIPATION

1. Member Living Faith Church International - Kilifi
2. Member Nyikwa - Ayayo Self Help Group - Yala