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EDUCATION

YEAR	QUALIFICATION	SCHOOL
2013	Masters of Science in Limnology- Specialization in Aquatic Ecosystem Health	Egerton University, Department of Biological Sciences, P.O. Box 536-20115, Egerton, Kenya
2009	Bachelor of Science- Specialization in Applied Aquatic Sciences	Egerton University, Department of Biological Sciences, P.O. Box 536-20115, Egerton, Kenya
2003	Kenya Certificate of Secondary Education	Nyabondo Boys High School, P.O. Box 72, Sondu, Kenya.

POST GRADUATE SHORT TRAININGS

YEAR	INSTITUTION	TRAINING/QUALIFICATION
2014	Nagasaki University, Japan	Hands on training for visiting Research Scientist
2012	Teaching Support Centre of Western University, Canada	Communication certificate in Teaching and Learning
2010	Egerton University & UNESCO IHE	Certificate in Wetlands for Water Quality
2010	Egerton University & UNESCO IHE	Certificate in Lake Ecology
2010	Egerton University & UNESCO IHE	Certificate in Stream Ecology
2010	Egerton University & UNESCO IHE	Certificate in Aquaculture
2006	Egerton University, Department of Computer Science	Certificate in computer Application and SPSS

AREAS OF SPECIALIZATION AND INTEREST

- Environmental Science; (*Marine and Freshwater Ecology, , Ecological Modeling, Remote Sensing, Geographic Information System (GIS)*).
- Environmental Health; (*Water Sanitation and Hygiene, Environmental Pollution and Management, Environmental Microbiology*).
- Fisheries and Aquaculture

RECENT PUBLICATIONS

No.	YEAR	PAPER
1	2015	Donde O. O., Muia A.W., Shivoga W.A., Wanga L. A., Charles G. T. and Irena F. C. (2015). Faecal pollution and solar disinfection of community water sources within Lake Naivasha Basin, Kenya. <i>Journal of Water, Sanitation and hygiene for Development</i> . Doi:10.2166/washdev.2015.150.

2	2015	Ojwang, W.O., Obiero, K.O., Malala, J.O., Agembe, S., Omondi, R., Donde, O.O and Gownaris, N (in press). Lake Turkana: The world largest permanent desert lake. Encyclopedia of Wetlands: Wetlands of the World (Vol. 4), Springer Journal.
3	2014	Donde, O. O. , Ojwang O. W., Muia A. W and Wanga L. A. (2014). Bacterial abundance on the skin, gills and intestines of <i>Cyprinus carpio</i> in Lake Naivasha, Kenya: Implications for public health and fish quality. <i>Lakes and Reservoirs: Research and management</i> . Doi: 10.1111/lre.12050. Volume 19: pp 46-55.
4	2014	Rop K. R., Muia A. W., Makindi S. and Donde O. O. (2014). Changes in the densities of faecal and organic matter contaminants from upstream to downstream along Nyangores river of Mara Catchment, Kenya. <i>Journal of Environmental Science and Water Resources</i> . Volume 3(1): pp 015-25.
5	2013	Donde, O., O. , Muia A., W., Shivoga A., W., Charles G. Trick and Irena F. Creed (2013). Faecal bacterial contamination of borehole water between points-of-access and points-of-use in Naivasha, Kenya; Public health implication. <i>Egerton Journal of Science and Technology</i> . Volume 13: pp 165-184.
6	2013	Donde O., O. , Muia A. W., Shivoga A. W. (2013). Temporal variation in densities of microbiological indicators of pollution in water sources within Naivasha Lake Basin, Kenya. <i>Int. Journal of Scientific and Technology Research</i> . Volume 2 (10): pp 131-138.
7	2013	Donde Oscar Omondi (2013). Bacteriological Analysis of Faecal Pollution and Solar Radiation Disinfection of Domestic Water Sources within Naivasha. Microbiology. LAP LAMBERT Academic Publishing (2013-01-16) - ISBN-13: 978-3-659-32587-8. (MSc. Thesis). https://www.lap-publishing.com/.../978-3-659-32587-8/drinking-water-q..

LIST OF PAPERS PRESENTED AT INTERNATIONAL CONFERENCES

No.	YEAR	PAPER	CONFERENCE AND VENUE
1	2015	Donde O.O. and Muia A.W. (2015). Bacterial load on the skin, gills and intestines of <i>Cyprinus carpio</i> in Lake Naivasha, Kenya: Implications for Public Health and Fish Quality	Presented at the 9 th Egerton Univ. Internat. Conf.: Research and Expo. 25 th -27 th March 2015. FEDCOS Egerton Univ, Kenya.
2	2013	Wairimu A. Muia, Oscar O. Donde , William A. Shivoga, Charles G. Trick, Irena F. Creed (2013). Solar radiation disinfection of community water sources within Lake Naivasha Basin, Kenya.	Presented at the 36 th Water Engineering and Development Centre (WEDC) International Conference at Egerton University, Kenya. 1 st to 5 th July 2013.
3	2012	Donde, O., O. , Muia A., W., Shivoga A., W., (2012). Faecal bacterial pollution of borehole water between collection points and households within Naivasha, Kenya	Presented at the 7 th Egerton University International Conference: Research and Expo. 26 th – 28 th September 2012. ARC Hotel, Egerton University, Kenya.
4	2012	Oscar O. Donde , W. A. Muia, W. A. Shivoga, C. G. Trick, I. F. Creed (2012). Faecal pollution and solar disinfection of community water sources within Lake Naivasha Basin, Kenya. www.uwo.ca/enviro/Colloquium/2012 .	Presented at the 9 th Earth Day Colloquium of Centre for Environment and Sustainability, At Western University, Canada. 12 th - 13 th April, 2012.
5	2011	Oscar O. Donde , Wairimu A. Muia, William A. Shivoga, Charles G. Trick, Irena F. Creed (2011). Faecal pollution and solar disinfection of community water sources within Lake Naivasha	Presented at the 6 th Egerton University International Conference: research and Expo. 21 st - 23 rd September 2011. ARC

	Basin, Kenya. Kenya.	Hotel, Egerton University, Kenya.
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WORK EXPERIENCE

TIME/YEAR	WORK/ASSIGNMENT	ORGANIZATION/INSTITUTION
June 2014 to Present	Assistant Lecturer	Department of Environmental Science, Egerton University
January 2014 To June 2014	Part-time Assistant Lecturer	Technical University of Kenya, School of Pure and Applied Sciences
May 2012 To July 2014	Research Scientist	Kenya Marine and Fisheries Research Institute (KMFRI). Environment and Ecology Research Program.
January 2012 to May 2012	Research Intern	Department of Biology at the University of Western Ontario, Canada. (Ecosystem Health Research Program).
2010 to 2013	Part-time Assistant Lecturer	Egerton University, Department of Biological Sciences.
2010 to 2011	Graduate Research Fellow	ECOHEALTH Research Project in Naivasha, Kenya.
2010 to 2011	Part time Laboratory Technician	Egerton University, Department of Biological Sciences.
2007 to 2008	Research Intern	Kenya Marine and Fisheries Research Institute (KMFRI) as an Assistant Researcher on training within the Aquaculture research Program at KMFRI-Sangoro Aquaculture Research Station.

PARTICIPATION IN SCIENTIFIC RESEARCH PROJECTS

TIME/YEAR	RESEARCH PROJECT	ROLE	SOURCE OF FUNDING
2012 To 2014	Lake Turkana Research Project by KMFRI	Research Scientist- Environment and Ecology Program	Government of Kenya through Kenya Marine and Fisheries Research Institute.
2009 to 2013	Lake Naivasha Ecosystem Health Research Project by Egerton University and Western University, Canada	Graduate Research Fellow	International Development Research Centre (IDRC)-Canada

SCHOLARSHIP AWARDS

YEAR	SCHOLARSHIP	SOURCE OF FUNDING
2014	Core to core Program for Research and Academic Exchange- Asia-Africa Science Platform at Nagasaki University-Japan	Japanese Society for Promotion of Science (JSPS)
2012	Graduate Research Exchange Program at Western University, Canada	Department of Foreign Affairs & International Trade-Canada
2010	Fellowship for short courses in Limnology at Egerton University, Kenya	Austria Development Cooperation and UNESCO-IHE

PROFESSIONAL MEMBERSHIP: Member of Eastern Africa Water Association (**EAWA**). Membership No. EAWAS/AS-1/2012.