

# CIRRICULUM VITAE

## 1. PERSONAL DATA

**Name** : KEVIN ODHIAMBO OBIERO  
**Date of Birth** : 20<sup>th</sup> April 1982  
**Nationality** : KENYAN  
**Civil Status** : Married  
**Contact Details** : Kenya Marine and Fisheries Research Station  
Sangoro Aquaculture Research Station,  
P. O. Box 136 – 40111, Pap-Onditi, KENYA  
Email: [kevinobiero@yahoo.com](mailto:kevinobiero@yahoo.com); [kevobiero@gmail.com](mailto:kevobiero@gmail.com)

Telephone No.: +254 728 515505; +254 787 777589

## 2. EDUCATION AND PROFESSIONAL DEVELOPMENT

<b>Institution</b>	<b>[ Date from - to ]</b>	<b>Degree(s) or Diploma(s) obtained</b>
University of Eldoret	Sept. 2013 – Present	PhD. Candidate, Doctorate of Philosophy in Fisheries Management
Moi University	Sept. 2009 – Dec. 2012	M.Sc. Fisheries and Aquatic Sciences
Moi University	April 2003 – May 2007	B.Sc. Fisheries and Aquatic Sciences, 2 <sup>nd</sup> Class Honours, Upper Division
Kenya Institute of Management	Feb. 2011 – Sept. 2012	Post Graduate Diploma in Management, Project Management Option
Ngere Boys High School	1997 – 2000	Kenya Certificate of Secondary Education (KCSE), Grade B (Plain)

## 3. SHORT COURSES AND TRAINING PROGRAMMES

<b>Institution(s)</b>	<b>[Date from – to]</b>	<b>Training(s) or Courses attended</b>	<b>Location</b>
University of Eldoret	4 <sup>th</sup> – 23 <sup>rd</sup> August 2014	Environmental Impact Assessment and Environmental Audit (EIA/EA) Course	Eldoret, Kenya
Nagasaki University, KMFRI & Japan Society for Promotion of Science	21 <sup>st</sup> January to 3 <sup>rd</sup> February 2014	Scientific Academic Exchange Program at Graduate School of Fisheries & Environmental Studies	Nagasaki City, Japan
Royal Museum for Central Africa	4 <sup>th</sup> February to 26 <sup>th</sup> April 2013	FishBase and Fish Taxonomy Training	Tervuren, Belgium
Ministry of Fisheries Development, Kenya & MASHAV, Israel	27 <sup>th</sup> March to 2 <sup>nd</sup> April 2011	2 <sup>nd</sup> National Course in Fisheries Hatchery Management in Aquaculture	Sagana, Kenya
Kenya Wildlife Service Training Institute & Wetlands International	22 <sup>nd</sup> to 29 <sup>th</sup> August 2010	1 <sup>st</sup> National Course on Ecosystem and Community based Adaptation to Climate Change	Naivasha, Kenya

#### 4. EMPLOYMENT RECORD

- **Current: Research Scientist**, Kenya Marine and Fisheries Research Institute (KMFRI), Sangoro Aquaculture Research Station (since April 2012).
- **September 2012 to December 2013:** Part-Time Lecturer, in the Department of Fisheries and Aquatic Sciences, University of Eldoret.
- **November 2010 to March 2012:** Aquaculture Manager, Lake and Sea Resources Limited (in partnership with KMFRI and British Council)
- **July 2007 – September 2008:** Assistant Aquaculture Production Manager, Dominion Farms Limited (Kenya).

#### 5. RESEARCH EXPERIENCE

##### 5.1 Research Interests

- Aquaculture Research, Development and Management
- Fisheries Socio-economics & Community-Based Natural Resource Management
- Fish Diversity, Ecology and Taxonomy
- Wetland Ecology and Management
- Community-Based Approaches to Climate Change Adaptation

##### 5.2 Research Grants, Projects and Consultancies

Role	Title / [Date from – to]	Funding Partners / Collaborators	Value (Kshs)
Project Consultant	Construction and Rehabilitation of Solar Driers to Improve Quality and Value of Lake Turkana Fish <i>August 2013 – April 2014</i>	KMFRI, Oxfam GB, Lodwar Office	1,898,633.00
Research investigator	Lake Turkana Research Project <i>2012 - Ongoing</i>	KMFRI funded by GoK Seed Money	8,000,000.00
Project Collaborator	Understanding the impacts of Climate Change and Dam Development on the Fish Communities of Lake Turkana <i>June 2012 – October 2013</i>	KMFRI, Stony Brook University, USA and Turkana Basin Institute	10,000,000.00
Project Collaborator	River Nyando Wetland Resource Utility Optimization Project <i>January 2008 – December 2013</i>	UNDP, Kenya Disaster Concern and VIRED International	
Project Consultant	Developing Capacity of Local Communities for Sustainable Small Scale Commercial Aquaculture in Siaya, Kisumu & Homa Bay Counties <i>January 2012 – April 2013</i>	British Council, Lake & Sea Resources Limited, Bondo University College, MESPT, KMFRI	5,000,000.00
M.Sc. Student	Challenges of Community-Based Fisheries Management Institutions in Lake Victoria <i>June 2009 – February 2010</i>	University of Michigan, Moi University,	12,000,000.00
Research Assistant	Impacts of Lake Victoria Water Recession on Consumptive Utilization of Nyando Wetland Resources	VIRED International, VICRES, Moi University	

## 6. PUBLICATIONS

### 6.1 Peer reviewed Journals

- Obiero K.O.**, Abila R.O., Njiru M., Raburu P.O., Kundu R., Achieng A.O., Ogello E.O., Munguti J.M. & Lawrence T. (2015) The Challenges of Management: Recent Experiences in Implementing Fisheries Co-Management in Lake Victoria, Kenya. *Lakes and Reservoirs: Research and Management* (Accepted for Publication: Manuscript ID: LRE 14-044).
- Obiero K.O.**, Opiyo M.A., Yongo E., Kyule D., Githukia C.M., Munguti J.M. & Charo-Karisa H. (2014). Consumer Preference and Marketing of Farmed Nile Tilapia (*Oreochromis niloticus* L.) and African Catfish (*Clarias gariepinus*) in Kenya: Case Study of Kirinyaga and Vihiga Counties. *International Journal of Fisheries and Aquatic Studies* 1 (5): 67–76
- Githukia C.M., **Obiero K.O.**, Manyala J.O., Ngugi C.C. & Quagrainie K.K (2014). Analysis of Consumer Preference of Wild and Cultured Nile Tilapia (*Oreochromis niloticus* L.) and African Catfish, *Clarias gariepinus* (Burchell 1822) in Selected Urban Centres in Kenya. *International Journal of Advanced Research* 2 (7): 694–705
- Kyule D. N., Yongo E., Opiyo M. A., **Obiero K.**, Munguti J. M. & Charo-Karisa H. (2014). Fish product development and market trials of fish and fish products in Kenya: a case study of Kirinyaga and Meru Counties. *Livestock Research for Rural Development. Volume 26, Article #108*. Retrieved June 2, 2014, from <http://www.lrrd.org/lrrd26/6/kyul26108.htm>
- Ogello E.O., **Obiero K.O.** & Munguti J. M. (2013). Lake Victoria and the common property debate: Is the tragedy of the commons a threat to its future? *Journal of Lakes, Reservoirs and Ponds* 7(2): 101–126
- Obiero K. O.**, Raburu P. O., Okeyo-Owuor J. B. & Raburu E. (2012). Community perceptions on the impact of the recession of Lake Victoria waters on Nyando Wetlands. *Scientific Research and Essays* 7(16): 1647–1661.

### 6.2 Peer reviewed Book Chapters

- Ojwang W.O., **Obiero K. O.**, Malala J.O., Agembe S., Omondi R., Donde O.O. & Gownaris, N (2015). Lake Turkana: The world largest permanent desert lake. *Encyclopedia of Wetlands: Wetlands of the World* (Vol. 4), Manuscript accepted for publication, **Springer Journal**.
- Obiero K. O.**, Wa'Munga P. O., Raburu P. O. & Okeyo-Owuor J. B. (2012). The People of Nyando Wetlands: Socio-economics, Gender and Cultural Issues. In: P.O. Raburu *et al.* (eds.) *Community Based Approach to the Management of Nyando Wetlands, Lake Victoria Basin, Kenya* (pp.32-53). McPowl Media Limited, Nairobi, Kenya
- Raburu P. O., Onyango F. O. & **Obiero K.O.** (2012). The value of consumptive goods and services of Nyando Wetland. In: P.O. Raburu *et al.* (eds.), *Community Based Approach to the Management of Nyando Wetlands, Lake Victoria Basin, Kenya* (pp. 53–67). McPowl Media Limited, Nairobi, Kenya
- Obiero K. O.**, Raburu P. O. & Masese F.O. (2012). Managing Nyando wetlands in the face of climate change. In: P.O. Raburu *et al.* (eds.), *Community Based Approach to the Management of Nyando Wetlands, Lake Victoria Basin, Kenya* (pp.100-121). McPowl Media Limited, Nairobi, Kenya

### 6.3 Manuscript Submitted for Publication in Peer Reviewed Journals

- Achieng' A.O., Raburu P.O., Kipkorir E., Ngodhe S.O., **Obiero K.O.** & Sabwa J.A. (2015). Assessment of water quality using multivariate techniques in River Sosiani, Kenya. *Ecological Indicators* (Manuscript Number: ECOLIND-4638)

- Obiero K.O.**, Malala J.O., Ojwang W.O., Donde O.O., Gownaris N. & Pikitch E. (2015). An Update of the Taxonomy, Nomenclature and Distribution of Freshwater Fishes in Lake Turkana Basin in Kenya. *African Journal of Aquatic Science* (Manuscript ID: AJAS-2014-0178)
- Githukia C. M., Ogello E. O., Kembenya E. M., Achieng A.O., **Obiero K. O.** & Munguti J. M. (2015). Comparative growth performance of male monosex and mixed sex Nile Tilapia (*Oreochromis niloticus* L.) reared in earthen ponds. *Croatian Journal of Fisheries* (Manuscript ID: 059-CJF).

#### 6.4 Conference Presentations

- Obiero K. O.** (2014) Otolith Age Determination of Tropical Teleost Fishes in Lake Turkana and Lake Victoria: Experiences and Lessons learnt. Presentation made at the Graduate School of Fisheries and Environmental Studies, Nagasaki University, Japan on 30<sup>th</sup> January 2014.
- Obiero K. O.** (2014). Current status of Lake Turkana fishery: Approaches to improving quality and quantity of fish resources. Presentation made at the Graduate School of Fisheries and Environmental Studies, Nagasaki University on 30<sup>th</sup> January 2014.
- Obiero K.O.**, Opiyo M.A., Yongo E., Kyule D., Githukia C.M., Munguti J.M. & Charo-Karisa H. (2013). Assessing consumer preference and demand for farmed Nile Tilapia and African for improved fish market development in Kenya. Paper presented at ASARECA End of Project and Scientific Conference, 26<sup>th</sup> to 29<sup>th</sup> November 2013, Dar es Salaam, Tanzania
- Charo-Karisa H., Opiyo M.A., **Obiero K.O.**, Kyule D., Yongo E., Orina P.S. & Munguti J.M. (2013). Optimizing aquaculture productivity through enhanced seed, feed and appropriate technology adoption in Kenya. Paper presented at the 2<sup>nd</sup> ASARECA General Assembly and Scientific Conference, 9<sup>th</sup>–13<sup>th</sup> December 2013, Bujumbura Burundi
- Yongo E., **Obiero K.O.**, Opiyo M.A., Munguti J.M., Kyule D., Orina P.S. & Charo-Karisa H. (2013). Mobilizing the aquaculture sector for economic and sustainable growth: Case study of Vihiga, Kirinyaga and Kilifi Counties in the Republic of Kenya. Paper presented at the 2<sup>nd</sup> ASARECA General Assembly and Scientific Conference, 9<sup>th</sup>–13<sup>th</sup> December 2013, Bujumbura, Burundi.
- Obiero K. O.**, Raburu P.O., Okeyo-Owuor J.B. & Raburu E. (2010). Community Perceptions on Impact of Recession of Lake Victoria Waters on Nyando Wetlands. *Aquatic Resource of Kenya (ARK II) Conference, Naivasha, Kenya*, 16<sup>th</sup>–19<sup>th</sup> November, 2010.

#### 7. SEMINARS AND WORKSHOPS

- CREATE International Conference. From Science to Integrated Socio-Economic Development- Understanding Ecosystem Degradation, Restoration ecology and Water Management in Lake Basin Region of Kenya, held at Kisumu Hotel from 3<sup>rd</sup> to 6<sup>th</sup> February 2015.
- Japan Society for the Promotion of Science Core-to-Core Program Joint Seminar to exchange research information between KMFRI and Graduate School of Fisheries and Environmental Studies, Nagasaki University, held at Kisumu Hotel 8<sup>th</sup>–9<sup>th</sup> December 2014.
- Scientific academic exchange meeting between KMFRI - Nagasaki University Core-to-Core Program at Graduate School of Fisheries Science and Environmental Studies, Nagasaki University, Japan from 21<sup>st</sup> January to February 2014.
- ASARECA End of Project & Scientific Conference on “Consumer preference & Marketing of Farmed Fish” 26<sup>th</sup> to 29<sup>th</sup> November 2013 at Peacock Hotel, Dar es Salaam, Tanzania.
- Dissemination of study findings on “Market Analysis for Lake Turkana Fish Value Chain”, Presenter, Erait Guest House, 26<sup>th</sup> July 2013, Lodwar, Kenya
- Development of Wetland Management Plan for Nyando Wetlands, Rock Motel, Kisumu, Co-Author and Facilitator, 1<sup>st</sup> – 7<sup>th</sup> August 2012
- Nyando Wetlands Environmental Action Planning workshop, Facilitator, Ahero Multi-Purpose Training and Development Institute, 30<sup>th</sup> – 31<sup>st</sup> April 2012

- Aquaculture Sector Stakeholder Validation Workshop on ‘*Making Markets Work for the Poor (M4P) framework*’, held at the Pride-Inn Hotels and Conferencing, Westland Road, Nairobi on 20<sup>th</sup> May 2011.
- Commemoration of the Scientific Revival Day in Africa 2011. Presentation on “*Successful Youth Agri-Enterprises: The Case of Aquaculture*” at KARI headquarters, Nairobi, Kenya, on 29<sup>th</sup> July 2011. Organized by African Technology Policy Studies – Kenya Chapter in conjunction with National Council for Science and Technology (NCST).
- Facilitated the Nyando Wetland Community Workshop on “*Mainstreaming Gender in Climate Change*” held at Ahero Multi-Purpose Development Training Institute on 17<sup>th</sup> - 18<sup>th</sup> March, 2011.

## 8. MEMBERSHIP IN PROFESSIONAL AND ACADEMIC BODIES

- Ecological Society of Eastern Africa (ESEA)
- East African Water Association (EAWA), Kenyan Chapter
- Sustainable Aquaculture Research Networks in Sub Saharan Africa (SARNISSA)

## 9. ADDITIONAL EXPERIENCE AND SKILLS

- **Computer Programs:** Proficiency in Microsoft– Office applications and basic knowledge and experience with statistical programs including SPSS, MINITAB and Ms. EXCEL.
- **Excellent communication and interpersonal skills:** Acquired leadership and people skills over the course of research and work experience.
- **Community Conservation:** Participated in wetland conservation activities while at VIRED International through community-based conservation.
- **Community-based natural resource management plans:** Participated in development of Nyando and Sio-Siteko Wetland Community-based Management Plans.
- **Environmental Impact Assessment and Environmental Audit:** Successfully undertaken a short course in EIA/EA. I have also participated in environmental audit of Kisumu Molasses Plant.

## 10. REFEREES

### 1. Prof. Phillip O Raburu

Department of Fisheries & Aquatic Sciences,  
School of Natural Resource Management,  
University of Eldoret,  
P.O. Box 1125 – 30100, Eldoret.  
E-mail: [praburu2002@yahoo.com](mailto:praburu2002@yahoo.com)  
Mobile: +254(0)733616912; +254(0)717631789

### 2. Prof. Julius Otieno Manyala

Department of Fisheries and Aquatic Sciences  
University of Eldoret  
Email: [manyalajo@yahoo.com](mailto:manyalajo@yahoo.com)  
Tel: 0725246885 / 0733397285

### 3. Dr. Richard Oginga Abila

Assistant Director, KMFRI (On Leave from KMFRI)  
Fisheries Management Advisor  
Finnish Consulting Group PLARD II,  
Zambia Program Mansa, ZAMBIA  
E-mail: [abilarichard@yahoo.com](mailto:abilarichard@yahoo.com)  
Mobile: +254-733922643