

# CURRICULUM VITAE

JULY, 2024

## I. PERSONAL DATA

1.	<b>NAME:</b>	Dr. Ernest Othieno Odwori
2.	<b>GENDER:</b>	Male
3.	<b>DATE OF BIRTH:</b>	
4.	<b>PLACE OF BIRTH:</b>	Esigomere Village, Kingandole Sub-Location, Marachi East Location, Butula Division, Butula Sub-County, Busia County, Kenya.
5.	<b>NATIONALITY:</b>	Kenyan.
6.	<b>MARITAL STATUS:</b>	Married with 5 Children
7.	<b>RELIGION:</b>	Christianity
8.	<b>LANGUAGES:</b>	English, Kiswahili, Luhya.
9.	<b>CONTACT ADDRESS:</b>	Tanaka Road, Busia Town, P.O. Box 335-50400, Busia, Kenya.
10.	<b>PERMANENT HOME ADDRESS:</b>	Tanaka Road, Busia Town, P.O. Box 335-50400, Busia, Kenya.
11.	<b>TELEPHONE No:</b>	
12.	<b>E-MAIL ADDRESS:</b>	odworiernest@gmail.com



## II. PERSONAL PROFILE

1.	Highly motivated and proactive with demonstrated service to the National and County Governments in Kenya, having worked with the National Ministry of Water and Irrigation, Ministry Headquarters Maji House, Nairobi; Kisii Central district, Nyanza province, Lugari district, Kakamega Central district, Western province (1987 to 2013). County Government of Kakamega, Department of Water, Environment, Natural Resources and Climate change (2013 to 2022).
2.	Highly flexible, resourceful, results- oriented and having supervised a number of programs/projects under the National and County Governments.
3.	Balanced personality and integrity with over 35 years experience as public servant.
4.	Highly trained and specialised with wealth of experience in research, academia ( Environmentalist, Water Resources Management Expert, Disaster Risk Reduction Expert) and National and County Government assignments.
5.	Espouses high moral and ethical standards as a devoted Christian.
6.	Demonstrated leadership skills; served as Experimental Basin Survey Project Co-ordinator, Maji House, Nairobi; Long serving District Water Officer in Nyanza- Kisii Central District and Western Province- Lugari and Kakamega Central Districts (1998 to 2013); Chairman, Kakamega County Service Delivery Co-ordinating Unit Tender Committee; County Director

	of Water, County Department of Water Environment, Natural Resources and Climate change, Kakamega County, Kenya; Ag. Chief Officer, County Department of Water, Environment, Natural Resources and Climate change, Kakamega County, Kenya.
7.	Dedicated team player with aptitude for communicating and negotiating to resolve problems while maintaining high discipline, professionalism and standards at work.

### III. EDUCATIONAL BACKGROUND

1.	MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY, KAKAMEGA, KENYA	2014-2021
2.	MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY, KAKAMEGA, KENYA	2010-2013
3.	UNIVERSITY OF NAIROBI, NAIROBI, KENYA	1983-1986
4.	FRIENDS SCHOOL KAMUSINGA, KIMILILI, BUNGOMA	1980-1981
5.	BUKHALALIRE SECONDARY SCHOOL, MARACHI, BUSIA	1975-1979
6.	BUTUNYI PRIMARY SCHOOL, MARACHI, BUSIA.	1969-1975

### IV. ACADEMIC QUALIFICATIONS

<b>University</b>	1.	2021	PhD (Masinde Muliro University of Science and Technology, Kenya) in Disaster Management and Sustainable Development.
	2.	2013	MSc (Masinde Muliro University of Science and Technology, Kenya) in Disaster Management and Sustainable Development.
	3.	1986	BSc (University of Nairobi, Kenya) in Geography 3.1.1.
<b>Secondary</b>	4.	1981	KACE- Kenya Advanced Certificate of Education (Friends School Kamusinga, Bungoma County, Kenya).
	5.	1979	EACE- East African Certificate of Education, O-Level (Bukhalalire Secondary School, Busia County, Kenya).
<b>Primary</b>	6.	1975	CPE- Certificate of Primary Education (Butunyi Primary School, Busia County, Kenya).

### V. THESIS/DISSERTATION

1.	<b>PhD</b>	Climate Change and Domestic Water Supply in Nzoia River Basin, Kenya
2.	<b>MSc</b>	Sustainable access to Safe Drinking Water and Basic Sanitation services under the reformed Kenya Water Sector in Kakamega County, Kenya

**VI. STATUTORY CLEARANCE CERTIFICATES FOR TENURESHIP OF PUBLIC OFFICE ETHICS AND ANTI-CORRUPTION COMMISSION**

1.	Certificate of Good conduct
2.	Clearance from the Ethics and Anti-Corruption Commission
3.	Certificate of Compliance from the Higher Education Loans Board (HELB)
4.	Kenya Revenue Authority (KRA) Tax Compliance Certificate
5.	Certificate of Clearance from the Credit Reference Bureau (CRB)

**VII. WORK EXPERIENCE**

<b>1.</b>	<p><b>2018-2024:</b> Part-time Lecturer, Masinde Muliro University of Science and Technology, School of Disaster Management and Humanitarian Assistance, Department of Disaster Management and Sustainable Development; Department of Disaster Preparedness and Engineering Management; and MMUST Butula Campus; School of Arts and Social Sciences. Department of Criminology and Social Work; under MMUST Personal File - PF/NO. CH/TS/1040/15</p> <p><b>Teaching Subjects:</b> Disaster Risk Management, Environmental Sciences, GIS and Remote Sensing, Water Resources Management, Climate change, Geography, Community Development studies, Supervision of Undergraduate Student Projects, Masters and PhD Student Theses.</p>	<p>Part-time Lecturer at MMUST Main Campus, Department of Disaster Management and Sustainable Development; Department of Disaster Preparedness and Engineering management; and MMUST Butula Campus; School of Arts and Social Sciences. Department of Criminology and Social Work. under MMUST Personal File - PF/NO. CH/TS/1040/15.</p> <p>Teaching Courses: DSM 100 -Principles of Ecology; DSM 200 -Theory of Resource use; DSM 402-Globalization, Trade and Sustainable development; DSM 206 -Principles of management; DSM 105-Biodiversity and Ecology; DCR/DSC 051-Entrepreneurship, business and basic accounting; SCR 314-Social statistics; SSW 312-Management and governance of Non-profit organisations; DSM 104 -Principles of Conservation; DSM 210 -Applied Geomorphology; DPG 313 -Urban and Regional planning; DPE 800 -Advanced principles of Disaster Management; DSC 111 -Introduction to Climatology; DPG 301 -Web Mapping; DPG 401 -Applied Geographic Information Systems (gis) and Remote Sensing (RS); DPG 405 -Geographic Information Systems (GIS) and Social National/spatial data infrastructure (NSDI); DSM 121 -Earth History, Evolution and Disaster Risks; DSM 208 -Community Development.</p>
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2.	<b>2013-2020:</b> County Director of Water, Department of Water, Environment, Natural Resources and Climate change, County Government of Kakamega, Kenya.	Establishment of County Director’s Office; Co-ordinated formulation of County Water Policy and Water Bill; Co-ordination of devolved water functions at County and Sub-county levels. Set performance targets met and this contributed to strengthening and realising devolution goals at county level.
3.	<b>2013- 2014:</b> Ag. Chief Officer, County Department of Water Environment, Natural Resources and Climate change, Kakamega County, Kenya.	Establishment of County Chief Officer’s Office; Co-ordinated formulation of County Water Policy and Environment Policy; Water Bill and Environment Bill; Co-ordination of devolved Environment, Water and Climate change functions at County and Sub-county levels. Set performance targets met and this contributed to strengthening and realising devolution goals at county level.
4.	<b>2014- 2015:</b> Chairman, Kakamega County Service Delivery Co-ordinating Unit Tender Committee, Kakamega, Kenya.	Streamlined the operations of Kakamega County Service Delivery Co-ordinating Unit Tender Committee to ensure efficiency in delivery of services. Set performance targets met and this contributed to strengthening and realising devolution goals at county level.
5.	<b>2013- 2014:</b> Member of the Kakamega County Human Resource Management Advisory Committee and County Human Resource Training Committee, Kakamega, Kenya.	Advocated for effective and efficient service delivery. Set performance targets met and this contributed to strengthening and realising devolution goals at county level.
6.	<b>2011-2013:</b> District Water Officer, Kakamega Central District, Lake Victoria North Water Services Board, National Government , Ministry of Water and Irrigation, Kakamega, Kenya.	The duties and responsibilities of the District Water Officer was to ensure provision of quality and affordable water and sanitation services through effective management of resources in an effort to promote socio-economic development. The District Water Officer was charged with overseeing communities mobilization for water supply project activities, preparation of feasibility studies for water supply projects, preparation of detailed designs and tendering documents for water supply projects, environmental impact assessments for water supply projects, sourcing funds for water supply project activities from the Ministry headquarters and other donors/partners, implementation/construction of water supply projects in the districts, operation and maintenance of existing gazetted water supply projects in the districts. The responsibilities of the District Water
7.	<b>2003-2011:</b> District Water Officer, Lugari District, Lake Victoria North Water Services Board, National Government , Ministry of Water and Irrigation, Kakamega, Kenya.	
8.	<b>1998-2003:</b> District Water Officer, Kisii Central District, Nyanza Province, National Government , Ministry of Water and Irrigation, Kisii, Kenya.	
9.	<b>1992-1998:</b> Deputy District Water Officer, Kisii Central District,	

	Nyanza Province, National Government, Ministry of Water and Irrigation, Kisii, Kenya.	Officer included: signing Performance Contracts with his staff; Preparing employees in the organization for the desired changes in working styles, attitudes and work ethics; Ensuring timely achievement of performance contract targets; Setting performance targets for staff; Developing and retaining devoted and committed staff; Submitting quarterly performance management reports to the Ministry headquarters/Water Services Board; Continually satisfying consumer needs; Maintaining good business relationship with customers and external public; and Coordinating and carrying out water supply operation and maintenance activities amongst others.
10.	<b>1994-1998:</b> Senior-WASH Project Supervisor/Advisor for Kenya Netherlands Rural Domestic Water Supply and Sanitation Programme (KN-RDWSSP), Kisii Central District Water and Sanitation Programme (Kisii DWSSP).	The work involved construction of water springs, small gravity schemes and hand-dug wells; construction of VIP latrines; and training of communities and project staff.
11.	<b>1996-1998:</b> Senior-WASH Project Supervisor/Advisor for International Fund for Agricultural Development (IFAD) Farmers Groups and Community Support Project (FGCSP) Water Component in Kisii Central District.	Participated in IFAD/FGCSP Project Design, Implementation, Monitoring and Evaluation, Project Review mission appraisals and Project Completion Reports Preparation. The project involved construction of water springs, small gravity schemes and hand-dug wells; construction of VIP latrines; and training of communities and staff.
12.	<b>1990- 1992:</b> District Hydrologist, Kisii Central District, Nyanza Province, National Government, Ministry of Water and Irrigation, Kisii, Kenya.	District Hydrologist, Kisii Central District, Nyanza Province, National Government, Ministry of Water and Irrigation, Kisii, Kenya. Head of Water Resources Management Department; providing direction and guidance of department's activities, performance of all hydrological works of various projects, co-ordination of implementation of projects, catchment area conservation through appropriate tree species, and appraisal missions in the proposal stage and tendering processes.

<b>13.</b>	<b>1987- 1990:</b> Hydrologist- Ministry of Water and Irrigation, Headquarters, Maji House, Nairobi, Kenya. Deputy Project Co-ordinator- Experimental Basin Survey Project	Performing Hydrological assignments. Deputy Project Co-ordinator- Experimental Basin Survey Project involved in the investigation of river flow changes in response to land/use/cover changes in the water catchments of Kimakia- Muranga, Saosa and Sambret-Kericho, Kitimui- Kitui, Kenya.
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### VIII. RESEARCH CONSULTANCIES AND TECHNICAL REPORTS

<b>1.</b>	August and September, 2023	Consultancy services on Climate change adaptation	Carried out In-depth Trainings on Building Inclusive Climate Change Resilience for Bungoma County Climate Advocacy Champions (August, 2023) and Chwele Sub-County Climate Advocacy Champions (September, 2023); Organised by Red Cross, Bungoma County Government and Masinde Muliro University of Science and Technology.
<b>2.</b>	2013 to 2022	Consultancy services on Water and Sanitation Program	Worked with Consultants on the development of Kakamega County Water and Sanitation Funding Proposals for External Donors.
<b>3.</b>	2013 to 2022	Consultancy services on the development of County Policies and Bills	Worked with Consultants on the development of Kakamega County Water policy, Environment policy, Water Bill and Environment Bill
<b>4.</b>	2013-2017	Consultancy services on Kakamega County Intergrated Development Plan (CIDP- 2013-2017)	Worked with Consultants on the development of Kakamega County Intergrated Development Plan (CIDP- 2013-2017)
<b>5.</b>	1995 to 1999	Consultancy services on Water and Sanitation Program	Worked with Consultants on the Kenya Netherlands Rural Domestic Water Supply and Sanitation Programme (KN-RDWSSP) Formulation/Design/Testing/Piloting, Implementation, Monitoring and Evaluation in Nyanza province, Kenya.
<b>6.</b>	1995 to 1999	Consultancy services on Water and Sanitation Program	Worked with Consultants on the Kenya Netherlands Rural Domestic Water Supply and Sanitation Programme (KN-RDWSSP) planning and formulation of the Interim and Third Phase in Nyanza, Kenya.

7.	1995 to 1999	Consultancy services on Water and Sanitation Program	Worked with Consultants on the Kenya Netherlands Rural Domestic Water Supply and Sanitation Programme (KN-RDWSSP) operation review missions and workshops in Nyanza province, Kenya.
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## IX. PUBLICATIONS

S/NO.	PUBLICATION
1.	Odwori, E.O. (2013): “ <i>Sustainable access to Safe Drinking Water and Basic Sanitation Services under the reformed Kenya Water Sector in Kakamega County, Kenya</i> ”. MSc. Thesis. Department of Disaster Management and Sustainable Development, Masinde Muliro University of Science and Technology, Kakamega, Kenya.
2.	Odwori, E.O. and Wakhungu, J.W. (2018). Evaluation of increasing block tariffs (IBTs) among urban utilities in Nzoia River Basin, Kenya. <i>International Journal of Scientific Research and Innovation Technology</i> . Vol.5. No.8; September 2018. ISSN:2313-3759.
3.	Odwori, E.O. and Obiri, J.F. (2018). Factors influencing sustainable household domestic water use in Nzoia River Basin, Kenya. <i>International Journal of Scientific Research in Science and Technology</i> . Vol.4. Issue. 10; September- October, 2018. ISSN:2395-602X.
4.	Odwori, E.O. and Wakhungu, J.W. (2019). <i>Assessment of Bacteriological Quality of drinking water supply in Nzoia River Basin, Kenya</i> . The Thirteenth Multi-Disciplinary International Conference on transformational leadership, innovation and technology transfer for sustainable development in developing countries held at Masinde Muliro University of Science and Technology, Kakamega, Kenya from 19th to 21st June 2019.
5.	Odwori, E.O. (2019). Assessment of Point of Use Household Water Treatment Technologies in Nzoia River Basin, Kenya. <i>International Research Journal of Advanced Engineering and Science</i> , Volume 4, Issue 3, pp. 478 – 486, 2019 September, 20, 2020.
6.	Odwori, E.O. (2020). Factors Determining Households’ Willingness To Pay For Improved Water Supply Services In Nzoia River Basin, Kenya. <i>International Journal of Innovative Research and Advanced Studies (IJIRAS)</i> Volume 7 Issue 7, July 2020. ISSN: 2394-4404.
7.	Odwori, E.O. and Munyendo, L. L. W. (2020). Impact of Covid-19 crisis on drinking water utilities in Nzoia River Basin, Kenya. <i>African Journal of Social Sciences and Humanities Research</i> ISSN: 2689-5129 Volume 3, Issue 6, 2020 (pp. 204-215). December 2020.
8.	Odwori, E.O. (2021): “ <i>Climate change and Domestic water supply in Nzoia River Basin, Kenya</i> ”. PhD. Thesis. Department of Disaster Management and Sustainable Development, Masinde Muliro University of Science and Technology, Kakamega, Kenya.

9.	Odwor, E.O. (2021). Effect of Covid-19 on Noise pollution in Nzoia River Basin, Kenya. <i>International Journal of Research and Scientific Innovation (IJRSI)</i>   Volume VIII, Issue I, January 2021   ISSN 2321–2705
10.	Odwor, E.O. (2021). Covid-19: Environmental considerations for Water resources management. <i>African Journal of Environment and Natural Science Research</i> ISSN: 2689-9434 Volume 4, Issue 2, 2021 (pp. 1-16).
11.	Odwor, E.O. (2021). Covid-19 pandemic: Implications for Water construction projects in Nzoia River Basin, Kenya. <i>International Journal of Research and Innovation in Applied Science (IJRIAS)</i>   Volume VI, Issue II, February 2021 ISSN 2454-6194
12.	Odwor, E.O. (2021). Household coping strategies for unreliable Water supplies in Nzoia River Basin, Kenya. <i>International Journal of Research and Scientific Innovation (IJRSI)</i>   Volume VIII, Issue VI, April 2021   ISSN 2321–2705
13.	Odwor, E.O. (2021). Impact of Covid-19 on Labor Markets in Nzoia River Basin, Kenya. <i>International Journal of Research and Scientific Innovation (IJRSI)</i>  Volume VIII, Issue V, May 2021 ISSN 2321-2705.
14.	Odwor, E.O. (2021). Community Knowledge and Perception on Climate Change and Drinking Water Supply in Nzoia River Basin, Kenya. <i>Asian Journal of Environment &amp; Ecology</i> 16(1): 1-19, 2021.
15.	Odwor, E.O. (2021). Assessment of the Impact of Rainfall Variability on Drinking Water Production at Treatment Plants in Nzoia River Basin, Kenya. <i>Asian Journal of Environment &amp; Ecology</i> 16(3): 8-29, 2021.
16.	Odwor, E.O. and Wakhungu, J.W. (2021). <i>Analysis of Rainfall variability and trends over Nzoia River Basin, Kenya. Journal of Engineering Research and Reports</i> 21(4): 26-52, 2021.
17.	Odwor, E.O. (2021). Effect of Climate Change on Drinking Water Utilities in Nzoia River Basin, Kenya. <i>Asian Journal of Environment &amp; Ecology</i> 16(4): 156-170, 2021.
18.	Odwor, E.O. (2021). Temperature Variability and Trends in Nzoia River Basin, Kenya. <i>Asian Journal of Geographical Research</i> 4(4): 17-37, 2021.
19.	Odwor, E.O. (2021). Impact of Climate Change on Drinking Water Resources in Nzoia River Basin, Kenya. <i>Asian Journal of Advanced Research and Reports</i> 15(12): 1-13, 2021.
20.	Odwor, E.O. (2022). Effect of Rainfall Variability on Groundwater Levels in Nzoia River Basin, Kenya. <i>Asian Journal of Environment &amp; Ecology</i> 17(1): 17-44, 2022.
21.	Odwor, E.O. (2022). Impact of Temperature Changes on Groundwater Levels in Nzoia River Basin, Kenya. <i>Asian Journal of Geographical Research</i> 5(1): 10-36, 2022.
22.	Odwor, E.O. (2022). Adapting Strategies for Water Supply Management to Climate Change in Nzoia River Basin, Kenya. <i>Asian Journal of Environment &amp; Ecology</i> 18(1): 24-52, 2022.
23.	Odwor, E.O. (2022). Effect of Rainfall and Temperature Variability on Streamflow in Nzoia River Basin, Kenya. <i>Asian Journal of Advanced Research and Reports</i> 16(5): 33-61, 2022.
24.	Odwor, E.O. (2022). <i>Barriers to Adapting Water Supply Management to Climate Change in Nzoia River Basin, Kenya. Asian Journal of Environment &amp; Ecology</i> 19(2): 32-47, 2022.



<b>25.</b>	Odwori, E.O. and Wakhungu, J.W. (2023). Assessment of Physico-Chemical and Bacteriological Quality of Drinking Water Sources in Kakamega County, Kenya. <i>Asian Journal of Environment &amp; Ecology</i> ; Volume 20, Issue 1, Page 45-63, 2023.
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#### **X. INTERNATIONAL JOURNALS EDITOR AND PEER REVIEWER**

<b>S/NO.</b>	<b>ACTIVITY</b>	<b>NAME OF JOURNAL</b>	<b>YEAR</b>
<b>1.</b>	Reviewer	International Journal of Environment and Climate Change	Year-2021
<b>2.</b>	Reviewer	Research in Ecology	Year-2021
<b>3.</b>	Reviewer	Academia Letters	Year-2021
<b>4.</b>	Reviewer	International Journal of Research and Innovation in Social Science (IJRSI)	Year-2021/2

#### **XI. LANGUAGES PROFICIENCY**

<b>Language</b>	<b>Reading Proficiency</b>	<b>Speaking Proficiency</b>	<b>Understanding Proficiency</b>	<b>Writing Proficiency</b>
English	Fluent	Fluent	Fluent	Fluent
Kiswahili	Fluent	Fluent	Fluent	Fluent
Luhya	Fluent	Fluent	Fluent	Fluent

#### **XII. CONFERENCES, SEMINARS, EXCHANGE STUDIES ATTENDED**

<b>1.</b>	<b>20<sup>th</sup> to 23<sup>rd</sup> February, 2017</b>	Workshop on County Sector Approach to public expenditure management conducted by Agile and Harmonized Assistance for Devolved Institutions (AHADI) Project through funding from USAID and UKaid., Kenya School of Government, Lower Kabete, Nairobi, Kenya.
<b>2.</b>	<b>6<sup>th</sup> to 9<sup>th</sup> February, 2014</b>	Induction course for members of Human Resource Advisory Training Committee Organised by the County Government of Kakamega at Kisumu Hotel, Kisumu, Kenya.
<b>3.</b>	<b>3<sup>rd</sup> to 6<sup>th</sup> March, 2014</b>	County policy formulation and Law making for the devolved water function workshop organized by the County government of Kakamega at Kisumu Hotel, Kisumu, Kenya.
<b>4.</b>	<b>14<sup>th</sup> to 15<sup>th</sup> March, 2013</b>	Sensitization workshop for Implementation of Environmental management systems- ISO 14001:2004, conducted by Lake Victoria North Water Services Board, Kakamega, Kenya.
<b>5.</b>	<b>2<sup>nd</sup> to 27<sup>th</sup> July, 2012</b>	Senior Management Course NO. 15/2012. Government Training Institute, Baringo, Kenya.

6.	<b>27<sup>th</sup> to 29<sup>th</sup> January, 2011</b>	Performance Management Training conducted by the Performance Contracting Department of Office of the Prime Minister held at Golf Hotel, Kakamega, Kenya.
7.	<b>26<sup>th</sup> to 27<sup>th</sup> November, 2010</b>	Basic water treatment and effective chlorination course conducted by the Kenya Water Institute in collaboration with Lake Victoria North Water Services Board in Lugari District, Kakamega, Kenya.
8.	<b>1<sup>st</sup> to 30<sup>th</sup> August, 2009</b>	Training on 2009 Population and Housing Census and worked as a Senior Supervisor for 30 Days in Lugari, District, Kakamega County, Kenya.
9.	<b>21<sup>st</sup> to 22<sup>nd</sup> November, 2007</b>	Labor and Industrial Relations seminar organised for Ministry of Water and Irrigation management staff by Lake Victoria North Water Services Board, Kakamega, Kenya at Bishop Nicholas Stam Pastoral Centre, Kakamega, Kenya.
10.	<b>5<sup>th</sup> to 9<sup>th</sup> March, 2007</b>	Occupational Health and Safety course organized for Ministry of Water and Irrigation management staff by Directorate of Occupational Health and Safety, held in Eldoret, Kenya.
11.	<b>4<sup>th</sup> June, 2007</b>	Member of the World Bank Projects Tender Evaluation committee at Lake Victoria North Water Services Board- (World Bank/Kfw funded Expression of Interest for the Accompanying Measures of Nzoia Cluster Phase-2 Water Supply Projects, Consultancy Services), Kakamega, Kenya.
12.	<b>9<sup>th</sup> August, 2006</b>	Davis & Shirtiff Certificate of Appreciation to the District Water Officer, Lugari District, Kakamega Kenya- Ernest Othieno Odwori.
13.	<b>15<sup>th</sup> to 17<sup>th</sup> March, 2006</b>	Asset Management Course organized by Lake Victoria North Water Services Board and conducted by Manpower Services Consultants in ,Kisumu, Kenya.
14.	<b>6<sup>th</sup> to 8<sup>th</sup> February, 2006</b>	Quality management systems seminar on Implementation of ISO 9001:2000 organised for Ministry of Water and Irrigation management staff by Lake Victoria North Water Services Board, Kakamega, Kenya and conducted by the Kenya Bureau of Standards at Tom Mboya Labour College, Kisumu, Kenya.
15.	<b>13<sup>th</sup> to 16<sup>th</sup> February, 2006</b>	Financial Management Course organized by Ministry of Water and Irrigation for management staff and conducted by the Kenya Institute of Administration, Lower Kabete, Nairobi, Kenya.
16.	<b>1<sup>st</sup> to 3<sup>rd</sup> February, 2006</b>	Team Building Course organized by Lake Victoria North Water Services Board and conducted by Manpower Services Consultants in Kakamega, Kenya.
17.	<b>11<sup>th</sup> to 13<sup>th</sup> January, 2006</b>	Performance Management Course organized for Ministry of water and Irrigation management staff by Lake Victoria North Water Services Board, Kakamega, Kenya and conducted by Eliud & Associates Management Consultants in Kisumu, Kenya.
18.	<b>19<sup>th</sup> to 21<sup>st</sup> December, 2005</b>	Change Management Course organized by Lake Victoria North Water Services Board and conducted by Eliud & Associates Management Consultants, Kisumu, Kenya.

19.	4 <sup>th</sup> to 9 <sup>th</sup> August, 2005	Management Development Course organized by Ministry of Water Resources Management and Development and Ministry of Trade & Industry, Kenya Institute of Business Training, Nairobi ,Kenya.
20.	12 <sup>th</sup> to 14 <sup>th</sup> September, 2002	Pumps and Water Treatment Seminar organized for technical officers by the Ministry of Water Resources Management and Development jointly with Davis & Shirliff Company in Nairobi, Kenya.
21.	30 <sup>th</sup> September to 7 <sup>th</sup> October, 2000	Training of Trainers Micro Planning Workshop organized by the Ministry of Finance and Planning, Rural Planning Department at Lakers Inn, Kisumu, Kenya.
22.	22 <sup>nd</sup> to 26 <sup>th</sup> April, 1998	Performance Management and Staff Performance Appraisal Workshop organized by the Ministry of Water Resources Management and Development and conducted by the Kenya Institute of Administration, Kabete, Nairobi, Kenya.
23.	27 <sup>th</sup> to 29 <sup>th</sup> October, 1998	Participatory Environmental Planning Workshop organized by the Ministry of Local Authorities, Department of Urban Development and Ministry of Lands and Settlement, Environment Management Unit, held in Kisii ,Kenya.
24.	1995 to 1999	Series of Workshops and Seminars organized by the Lake Basin Development Authority and the Kenya Netherlands Rural Domestic Water Supply and Sanitation Programme in Nyanza on Operations Review, Planning and Formulation of the Programme Interim and Third Phases (RDWSSP WASH Programme).
25.	1996 to 1998	Series of Workshops and Seminars organized by International Fund for Agricultural Development (IFAD) Farmers Groups and Community Support Project (FGCSP) Water Component. Participated in IFAD/FGCSP Project Design, implementation, Monitoring and Evaluation, Project Review Missions and Project Completion Report Preparation (Community WASH Programme).
26.	11 <sup>th</sup> to 29 <sup>th</sup> April, 1997	Computer Training Course by Density Data -Coperts, Kisumu, sponsored by the Kenya Netherlands Rural Domestic Water Supply and Sanitation Programme (KN-RDWSSP) held in Kisumu, Kenya

### XIII. SHORT COURSES AND TRAININGS

1.	July, 2012	One month Senior Management Training Course for Civil Servants held at Kenya School of Government, Baringo, Kenya.
2.	April, 2015	One month Environmental and Social Impact Assessment and Audit training course for Nema registration at Kenya Institute of Management, Kakamega branch, Kakamega, Kenya.

### XIV. RESEARCH FUNDS AWARDED

<b>1.</b>	<b>September, 2018</b>	The Water Project, Fund to conduct Baseline survey on water and sanitation in Lurambi sub-county, Kakamega county, Kenya.
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**XV. MEMBERSHIP AND AFFILIATIONS**

<b>S/NO.</b>	<b>PROFESSIONAL BODY REGISTRATION AND MEMBERSHIP</b>	
<b>1.</b>	Since 2006	Hydrological Association of Kenya- Membership No.- 2006.
<b>2.</b>	Since 2015	Association of Disaster Management and Conflict Resolution of Kenya (ADMCRK)- No.-2015.
<b>3.</b>	Since 2022	Environmental Institute of Kenya (EIK) – Member No: EIK/1/5570
<b>4.</b>	Since 2022	National Environmental Management Authority of Kenya (NEMA). Registered and accredited Lead Expert in Environmental Impact Assessments (EIA)- Expert Registration No.12669.

**XVI. REFEREES**

1.	Prof. Jacob W. Wakhungu, Senior Lecturer, School of Disaster Management and Humanitarian Assistance (SDMHA), Masinde Muliro University of Science and Technology, P. O. Box 190-50100, Kakamega, Kenya; Tel; Email: <a href="mailto:jwanambacha@mmust.ac.ke">jwanambacha@mmust.ac.ke</a>
2.	Prof. Christopher Ngacho, Senior Lecturer/Dean, School of Business and Economics, Kisii University, P.O. Box 408, Kisii, Kenya; Tel; Email: <a href="mailto:cngacho@yahoo.com">cngacho@yahoo.com</a>
3.	Dr. Lincoln L. Were Munyendo, Senior Lecturer, School of Pharmacy and Health Sciences, United States International University – Africa, P.O. Box 14634 – 00800, Nairobi, Kenya Tel; Email ; <a href="mailto:lmunyendo@usiu.ac.ke">lmunyendo@usiu.ac.ke</a>



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**DR. ERNEST OTHIENO ODWORI**

**Dated: July 18, 2024.**