

MR. JOSHUA ONAMI OBIRI

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EDUCATION

- Master of Science (MSc) in Hydrogeology, University of Nairobi, Kenya (2006).
- Postgraduate Diploma in Applied Hydrology and Information Systems for Water Resources Management, University of Nairobi/Institute for Meteorological Training and Research, Nairobi, Kenya (2004).
- Bachelor of Science – Geology (major), University of Nairobi, Kenya (1997).
- Diploma in Project Management (Part 1 and 2) – Kenya Institute of Management, Kenya. (2007)

RESEARCH EXPERIENCE

1. Assessment of Water Resources Potential in Maragoli Hills Sub-Catchment, Kenya: Opportunities and Challenges.
2. Assessing the baseline water quality for Noigamet River in Relation to its suitability for Agricultural use:

TEACHING EXPERIENCE

2008 to date: Assistant Lecturer in the School of Environment and Earth Sciences, Department of Hydrology and Water Resources Management, Maseno University.

PROFESSIONAL MEMBERSHIP

- Registered Geologist (Geological Registration Board) and professional member of the Geological Society of Kenya (GSK) and Hydrological Society of Kenya (HSK).
- Licensed by the Ministry of Water and Irrigation as a Qualified Water Resource Professional – (Hydrogeologist- Panel III, category 2 and Hydrologist –Panel III, category 1)
- Licensed as a Lead Expert by National Environmental Management Authority (NEMA)

SKILLS AND TRAINING

- Training on Groundwater Resources Assessment and Monitoring.
- Training on Project Preparation and Design, organized by the Water Resources Planning and Management Project of the Nile Basin Initiative in Addis Ababa, Ethiopia.
- Application of GIS and Remote Sensing in Water Resources Management.
- Training on Hydrological Database Management System (HYDATA).
- Training on Processing and Analysis of Hydrological Data.

LEADERSHIP EXPERIENCE

2005 – 2008: Groundwater Officer, Water Resources Management Authority (Lake Victoria North Catchment Area, Kakamega).

2004 – 2005: District Water Officer, Trans Nzoia District, Ministry of Water and Irrigation.

2003 – 2004: Head of Groundwater Resources Component/ Deputy Provincial Water Officer, Western Province.

1998 – 2003: District Geologist, Ministry of Water Development, Kakamega District, Western Province, Kenya.

CONFERENCES AND WORKSHOPS

1. Assessment of Water Resources Potential in Maragoli Hills Sub-Catchment, Kenya: Opportunities and Challenges. In the proceedings of the National hydrological society Conference held in KWS Naivasha, Kenya from 13th to 15th May, 2012.
2. Assessing the baseline water quality for Noigamet River in Relation to its suitability for Agricultural use: Conference on Sustainable Water Resources Management in African Countries, Kisumu Hotel, Kenya, 1 – 3rd October, 2012
3. Attended 4th African Rift Geothermal Conference, United Nations Offices, Nairobi, Kenya, 21 23rd November, 2012
4. Attended ICSU Regional Implementation Workshop on Sustainable Energy in Sub Saharan Africa, Boma Hotel, Nairobi, 7 – 8th May, 2013

PUBLICATION

Kenya, S.O. Owuor, S. O., Shueth C., Lehne R., A. Hoppe A., **Obiri J.** (2016) Estimation of hydraulic properties from pumping tests data of Nairobi area. International Journal of Research in Engineering and Technology, Volume: 05 Issue: 02 | Feb-2016, Available @ <http://www.ijret.org>.