

CURRICULUM VITAE FOR Mr. ENOCK MOSETI OSORO

PERSONAL PARTICULARS

SURNAME: Osoro

OTHER NAMES: Enock Moseti

NATIONALITY: Kenyan

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EDUCATION QUALIFICATION			
YEAR	INSTITUTION	MAJOR FIELD	AWARD
Jan. 2017 - Date	University of Nairobi	Chemistry	PhD
Oct. 2011- Nov. 2015	University of Nairobi	Chemistry	MSC
Aug. 2004 – Dec. 2008	Moi University	Chemistry	Bachelor Of Science (Second Class Honors Upper Division)
1999-2002	St. John’s Nyamagwa Boys High School	“O” level	Kenya Certificate of Secondary Education (KCSE). Mean Grade B+(Plus)
1991-1998	Kebera Primary School	Primary Level	Kenya Certificate of Primary Education (KCPE)

CAREER DEVELOPMENT			
DURATION	POSITION	INSTITUTION	RESPONSIBILITIES
Jan. 2021- Date	Quality Control Manager	Nexton Limited	<ul style="list-style-type: none">• Implementation, maintain and improve the management system• Identify deviations from the management system or from the procedures for performing laboratory activities• Reporting to laboratory management on the performance of the management system• Ensuring the effectiveness of laboratory activities
Jan. 2020-Dec. 2020	Laboratory Analyst	Equatorial Africa Deposition Network (EADN)	<ul style="list-style-type: none">• Prepare samples for testing using various laboratory equipment.• Testing of samples to achieve the output required.• Maintain all laboratory records.

			<ul style="list-style-type: none"> • Comply with the correct procedures, policies, and health and safety regulations. • Conduct laboratory tests, analyze results, and document the findings. • Document all activities, results and report to Project Manager. • Clean and sterilize equipment and work area. • Collect and prepare research and information needed. • Classify and label samples.
2018- Date	Part-Time Lecturer	Technical University Of Kenya	Teaching undergraduate students. Subjects Taught: <ul style="list-style-type: none"> • Analytical Chemistry • Inorganic Chemistry • Volumetric Analysis • Separation Techniques and Chromatography • Theory of Spectroscopic Techniques
2016-2018	Part- Time Lecturer	South Eastern Kenya University	Teaching undergraduate students. Subjects Taught: <ul style="list-style-type: none"> • Statistical Thermodynamics • Quantum Chemistry • Extractive Metallurgy • Introduction to Unit Operation
2009- 2013	Untrained Teacher	Kiobegi Secondary School, Kisii County	Subjects Taught: <ul style="list-style-type: none"> • Mathematics • Chemistry • Biology

RESEARCH EXPERIENCE

2017- Date	Photo-catalytic degradation and assessment of selected polybrominated diphenyl ethers in Nairobi river drainage basin, Kenya (PhD research).
January, 2021	Engaged as a Consultant to carry out baseline studies of air, noise levels, water and soil quality assessment along for proposed dualling of kenol - sagana (A2) road in the central region of kenya. The project was being carried out by Kenya National Highway Authority (KENHA) and jiangxi transport engineering group limited being the contractor.
December, 2020	Engaged as a Consultant to carry out baseline studies of air, noise levels, water and soil quality assessment along for the upgrading of Lodwar-Lokitaung junction road in Turkana county. The project was being carried out by Kenya National Highway Authority (KENHA) and third engineering bureau of china city construction group company limited being the contractor.
December, 2019	Engaged as a Consultant to carry out baseline studies of air, noise levels, water and soil quality assessment in Lokichar oil fields and Lamu marine crude

	oil terminal. The projects were being carried out by World Wide Fund (WWF).
August, 2019	Engaged as a Consultant to carry out baseline studies of air, noise levels, water and soil quality assessment along different roads in Embu, Isiolo, Meru, Machakos and Makueni Counties. The projects were being carried out by Kenya National Highway Authority (KENHA).
Sept. 2018	Engaged as a Consultant to carry out baseline studies of noise and vibration levels assessment for the proposed china wu yi quarry in Uasin Gishu County. The project was being undertaken by China Wu Yi company.
May. 2018- July 2018	Engaged as a Consultant to carry out baseline studies of Air, noise levels, water and soil quality assessment in the Mzima II water pipeline in Voi. The project was being undertaken by Coast Water services Board.
November, 2017	Engaged as a Consultant to carry out baseline studies of air, noise levels, water and soil quality assessment along Bomas -Kiserian - Corner Baridi (C58) and Bomas -Karen- Dagoretti Market (C63) roads that were earmarked for dualling. The project was being undertaken by Kenya National Highway Authority (KENHA).
Sept. 2015 – Dec. 2015	Engaged as an Assistant Consultant (Environmental Impact Assessment) in the monitoring and Evaluation of the incinerator in Kenyatta Hospital through the University of Nairobi Enterprises Services (UNES).
Oct. 2013- Dec. 2014	Assessment of organochlorine pesticide residue level in sediment, soil and water from Rusinga Island, Lake Victoria, Kenya (M.Sc. research).
Jan. 2013 – June 2015	Carried out Research work Assessment of water quality of Nairobi River from the source to the Indian Ocean.
Jan. 2013 – June 2015	Carried out Research work on effects of electronic waste on our environment in Kenya.

CONFERENCES, TRAININGS AND WORKSHOPS ATTENDED

Date	Institution	Certificates Awarded
12 th – 13 th Dec.2018	University of Rwanda, Rwanda	ANCAP 3 rd summer school
10 th -11 th Dec. 2018	University of Rwanda, Rwanda	ANCAP eighth regional symposium
30 th – 2 nd December, 2016	University of Nairobi	Participated in the PACN Congress 2016 - Sustainable Water Resources for Africa.
Nov. 2016	University of Nairobi	Participated in the International ANCAP Symposium.
15 th -17 th June, 2016,	ESACC-TCC	Participated in the ESACC-TCC Conference, Reef Hotel, Mombasa, Kenya
25-26 February 2016	Technical university of Kenya and IUPAC	Certificate awarded on Ecological risk assessment of Pesticides Workshop.
17 th -19 th Nov. 2015	University of Nairobi	Certificate awarded on PACN congress 2015, Healthcare: From discovery to delivery, Nairobi, Kenya.
28 th Nov. 2014	University of Nairobi	Seminar on application of mass spectrometry techniques for environmental monitoring and safety assessment for food and pharmaceuticals products.
30 th -31 st Oct. 2014	University of Nairobi	Organizing the Africa Regional Drafting Workshop for the Second Monitoring Report on Persistent Organic Pollutants, University of Nairobi, Kenya.

25 th -29 th Aug 2014	Jomo Kenyatta University of Agriculture and Technology	Certificate awarded on participation in GC-MS essentials training, From sample injection to Spectral interpretation.
9 th -13 th June 2014	5 th SEANAC conference on the Role of Analytical Chemistry in Building Vibrant Economies, Industries, Food Security and Environmental Management, Mombasa, Kenya.	Presented a paper on assessment of organochlorine pesticide residue level in sediment, soil and water from Rusinga Island, Lake Victoria, Kenya.
20 th -22 nd December 2014.	ANCAP seventh regional symposium	Presented a paper on assessment of organochlorine pesticide residue level in sediment, soil and water from Rusinga Island, Lake Victoria, Kenya.

REFEREED JOURNAL ARTICLES

- 1) **Enock M. Osoro**, Shem O. Wandiga, Vincent O. Madadi, Deborah A. Abong'o (2021). Occurrence and Distribution of Polybrominated Diphenyl Ethers in Sediments from Nairobi River Basin, Kenya, East Africa", International Journal of Scientific Research in Science, Engineering and Technology (IJSRSET) 8(1):274-286. Online ISSN: 2394-4099, P- ISSN: 2395-1990, Available at doi: <https://doi.org/10.32628/IJSRSET218148> Journal URL : <https://ijsrset.com/IJSRSET218148>.
- 2) Nyaundi JK, Getabu AM, Kengara F, Onchieku J, Njiru M, Kinaro ZO, Babu JM, Sitoki LM, Nyamweya C and **Osoro EM** (2019). Assessment of organochlorine pesticides (OCPs) contamination in relation to physico-chemical parameters in the Upper River Kuja Catchment, Kenya (East Africa). International Journal of Fisheries and Aquatic Studies 7(1): 172-179. E-ISSN: 2347-5129, P-ISSN: 2394-0506.
- 3) Aucha JK, Wandiga OS, Abong'o DA, Madadi VO, **Osoro EM** (2017). Organochlorine pesticides in air and soil from nairobi and mount kenya region, kenya. IOSR Journal of Applied Chemistry (IOSR-JAC).10(7)2:5-11. e-ISSN: 2278-5736.
- 4) **Osoro EM**, Wandiga S.O, Abongo DA, Madadi V O and Macharia J W (2016). Organochlorine Pesticides Residues in Water and Sediment from Rusinga Island, Lake Victoria, Kenya IOSRJAC. 9 (9): 56-63. EISSN: 2278-5736.
- 5) **Enock M. Osoro**, Shem O. Wandiga, Vincent O. Madadi, and Deborah A. Abongo'o (2019) Concentrations of Polybrominated Diphenyl Ethers (PBDEs) in Water from Nairobi River, Kenya. (Submitted- Under peer review).

RESPONSIBILITIES AND MEMBERSHIP

Member of the Kenya Chemical Society (University of Nairobi Chapter)

Member of African Network for Chemical Analysis of Pesticides (ANCAP)

Member of Southern and Eastern Africa Network of Analytical Chemists (SEANAC)

Member Royal Society of Chemistry (RSC)

REFEREES

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