



THE TECHNICAL UNIVERSITY OF KENYA

Haile Selassie Avenue, P.O. Box 52428, Nairobi, 00200, Tel +254(020) 343672, 2249974, 2251300, 341639

Fax 2219689, Email: vc@tukenya.ac.ke, Website: www.tukenya.ac.ke

NAME: DR EVANCE OMONDI MBAO

Faculty:	Applied Sciences and Technology
School:	PHYSICS AND EARTH SCIENCES
Department:	GEOSCIENCE AND THE ENVIRONMENT
Current Designation:	Lecturer, GEOSCIENCE AND THE ENVIRONMENT (DGSE)
Office Telephone:	+254(020) 2219929, 3341639, 3343672
Official Email:	embao@tukenya.ac.ke
Consultation Hours:	8AM-5PM MON - FRI



EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Doctor of Philosophy (PhD)	ECOLOGY	NANJING AGRICULTURAL UNIVERSITY(China)	2021
Masters of Science (M.Sc.)	LIMNOLOGY	EGERTON UNIVERSITY(Kenya)	2014
Bachelor of Science (BSc)	APPLIED AQUATIC SCIENCE	EGERTON UNIVERSITY(Kenya)	2006

WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
2015 - Presently	The Technical University of Kenya	Tutorial Fellow
2012 - 2015	Egerton University	Part-time Lecturer
2013 - 2015	The Technical University of Kenya	Part-time Lecturer
2006 - 2007	Kandaria Secondary School	Teacher: Biology and Chemistry
2000 - 2001	Dandora Girls & Women Education Centre	Teacher: Mathematics and Science

SELECTED PUBLICATIONS

TITLE	LINK TO PULICATION
<p>Chaozhong Tan, Tianjin Sheng, Lizhu Wang, Evance Mbao, Jin Gao, and Beixin Wang (2020). Water-level fluctuations affect the alpha and beta diversity of macroinvertebrates in Poyang Lake, China. <i>Fundamentals of Applied Limnology</i></p>	<p>https://www.ingentaconnect.com/content/schweiz/fal/pre-prints/content-fal_000_0_0000_0000_tan_1297_prepub</p>
<p>Mbao, E. O., N. Kitaka, S.O. Oduor and J. Kipkemboi (2013): Periphyton as Inorganic Pollution Indicators in Nyangores Tributary of the Mara River in Kenya. <i>International Journal of Fisheries and Aquatic Sciences</i> 2(4): 81-93. ISSN: 2049-8411; e-ISSN: 2049-842X © Maxwell Scientific Organization, 2013</p>	<p>https://pdfs.semanticscholar.org/e382/59fe753de0a00b44b4b105121b3f65422ed2.pdf</p>
<p>Mbao, E.O., Gao, J., Wang, Y., Sitoki, L., Pan, Y., and Wang, B. 2020. Sensitivity and reliability of diatom metrics and guilds in detecting the impact of urbanization on streams. <i>Ecological Indicators</i> 116:106506.</p>	<p>https://doi.org/10.1016/j.ecolind.2020.106506</p>
<p>Mbao E.O (2015). <i>Nutrient Input on Algal Periphyton</i>. LAP LAMBERT Academic Publishing (2015-09-22) - ISBN-13: 978-3-659-70945-6.</p>	<p>https://www.morebooks.de/store/gb/book/nutrient-input-on-algal-periphyton-in-nyangores-tributary-kenya/isbn/978-3-659-70945-6</p>
<p>Ochieng, B., Mbao, E.O., Zhang, Z., Shi, L. & Liu, Q (2022). Phytoplankton community structure of Tang-Pu Reservoir: status and ecological assessment in relation to physicochemical variability. <i>Environmental Monitoring & Assessment</i>, 194:382</p>	<p>https://doi.org/10.1007/s10661-022-09958-x</p>
<p>Odinga, E. S., X. Zhou, E. O. Mbao, Q. Ali, M. G. Waigi, M. L. Shiraku and W. Ling, 2022. Distribution, ecological fate, and risks of steroid estrogens in environmental matrices. <i>Chemosphere</i>:136370.</p>	<p>https://doi.org/10.1016/j.chemosphere.2022.136370</p>
<p>Mbao, E. O., E. S. Odinga, J. Nyika, B. Ochieng and N. Kitaka, 2022. A bibliometric study on the use of diatoms in water quality monitoring and bioassessment in Africa across 10-year (2012-2022) period. <i>Aquatic Sciences</i> 84(4):1-14.</p>	<p>https://doi.org/10.1007/s00027-022-00891-2</p>

DESCRIPTION**CONFERENCES & SEMINARS ATTENDED**

August 21 st - 25 th 2018	4 th International Symposium of the Benthological Society of Asia, Nanjing-China	Paper Presentation: The Impact of Urbanization on Diatoms Community Structure in Qiantang River Watershed, China http://www.benthosasia.org/sub/down.php?dir=/data/4thBSA/&file=4th%20BSA%202018%20General%20Meeting%20Report.pdf&filename=undefined http://www.spsl.nsc.ru/FullText/konfe/BSA-2018.pdf
July, 2 nd - 4 th , 2013	The Tropical Biology Association African ALUMNI Group (TAAG). National Museum of Kenya, Nairobi	Paper Presentation: Periphyton as Inorganic Pollution Indicators in the Mara River in Kenya. https://www.yumpu.com/en/document/read/36273259/download-taag-book-of-abstracts-tropical-biology-association
October, 22 nd - 23 rd , 2012	3 rd Scientific Conference on the Lake Victoria Basin Imperial Botanical Beach Hotel, Entebbe-Uganda	Paper Presentation: Effects of Nutrients on Periphyton Community Structure and Productivity in the Nyangores Tributary of Mara River in Kenya. http://tabianchi.blogspot.com/2012/10/3rd-scientific-conference-on-lake.html
September, 26 th - 28 th 2012	7 th Egerton University International Conference Research and Expo, ARC Hotel, Egerton University Njoro, Kenya.	Paper Presentation: Effects of Nutrients on Periphyton Community Structure and Productivity in the Nyangores Tributary of Mara River in Kenya.