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ResearcherID:

Mr. Zedekiah Odira O.

Mr. Zedekiah Odira holds a Master of Science degree in Environmental Biology and is currently undertaking a PhD in environmental Science at Masinde Muliro University of Science and Technology. He specializes in environmental toxicology with interest in the environmental and human health effects of pesticides. He currently serves as the Timetable and Examination Coordinator in the Department of Biological Sciences.

Some of his key published works include: -

(Publications relevant to Webometrics ranking are encouraged)

Sandra Khatiebi, Donald Siamba, **Zedekiah Odira**, Chrispinus Mulmbala and Martha Konje (2018). Heavy metal contamination at dumpsites at Eldoret, Kenya, in the Lake Victoria Basin. *African Journal of Tropical Hydrobiology and Fisheries* 16: 93-97.

Charles K. Kigen, Dennis, M.W. Ochieno, John. O. Muoma, William A. Shivoga, Martha Konje, **Zedekiah Onyando**, Benard C. Soi, Stanley M. Makindi, Philip Kisoyan and John M. Mirona (2014). *In Spatial Modeling of Sorghum growing areas in Kenyan Arid and Semi-arid Lands growing areas in Kenyan Arid and Semi-arid Lands in Sustainable Land Management in Dry Lands of Kenya Improving Land Productivity through Participatory Research and Technology Transfer. Edited by Zeinabu Khalif, Charles KK Gachene, Patrick Gicheru, David Mwehia Mburu and Christopher Gatama, Gakahu (2014). Published by the United Nations Development Programme, Nairobi, Kenya 2014 ISBN 978 9966 180551.*

Charles K Kigen, Stanley Makindi, Edward N Masibayi, Humphrey Agevi, **Zedekiah Odira** & Francis Muyekho (2015). Modelling Climate-based changes of sugarcane growing areas in Western Kenya. PROCEEDINGS of the conference on Expanding Theoretical and Applied Roles of GIS in a Dynamic Global Environment. Masinde Muliro University of Science and Technology. ISBN 978-9966-096-54-8.

Zedekiah Odira Onyando, William A. Shivoga, Charles K. Kigen and Henry O. Lung'aya (2016) Seasonal Changes in Nutrient Concentration in River Isiukhu Watershed, Western Kenya, East Africa. *International Journal of Current Research* Vol. 8, Issue, 10, pp.40300-40306.

Zedekiah Odira Onyando, Henry O. Lung'ayia, Charles K. Kigen and William A. Shivoga
(2016) Dynamics in physicochemical conditions along riparian land use gradients
in River Isiukhu watershed, Western Kenya. *International Journal of Environmental
Biology*

View full CV here:

September 2017 to present: PhD in Environmental Science.

September – November 2014: Certificate course on Sustainable Urban Land use Planning at
the World Bank Training Institute.

August 2010- November 2013: Master of Science in Environmental Biology at Masinde
Muliro University of Science and Technology.

August 2005- November 2009: Bachelor of Education (Science) degree at Masinde Muliro
University of Science and Technology. Graduated with First class
honours.

August 2005- November 2009: Certificate in Computer Packages from New Networks
Computer Training Centre.

February 2000-November 2003: Atega Mixed Secondary School. Scored a Mean Grade of
B+ (Plus) in K.C.S.E.

January 1992-November 1999: Kotienditi Primary School.

Professional Affiliations:

Registered Member, Soil Science Society of East Africa

Member, Kenya DAAD Scholars Association

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Awards and scholarships:

Multidisciplinary project Entitled Environmental Impacts of agricultural pollution in Large-
scale farming catchments in Kenya (2018) funded by the National Research Fund (NRF).

Multidisciplinary project funded by the World Academy of Sciences, totaling USD 26,000
(2017). Tropical Stream Ecology: Spatiotemporal Variability in Habitat Characteristics and
Macroinvertebrate Communities in River Isiukhu, Kenya.

Participated in writing proposal for establishment of the Centre of Excellence in Water and
Environmental Resource Management (CEWERM). Awarded Kshs 3,000,000 by the
University Management Board, Masinde Muliro University of Science and Technology.

German Academic Exchange Service (DAAD) In-country Master Scholarship (2010).
Awarded one year full scholarship.

National Council for Science and Technology (NCST) 3rd call for competitive M.Sc.
research proposals on Science, Technology and Innovation (ST&I). Awarded Kshs. 156,000
to conduct M.Sc. research.