

CURRICULUM VITAE

BIODATA

Name: Rael Teresa Adhiambo
Address: P. O. Box 30623-00100, Nairobi
E-mail: rael.adhiambo@nacosti.go.ke / rael.adhiambo@stu.ucc.edu.gh
Cellphone: +254 710958665/ +233552462167
Date of Birth: 1st May 1991
Nationality: Kenyan
Language: English, Swahili, and Luhya

1. CAREER OBJECTIVE AND RESEARCH; INTERESTS

My career objective is to work towards sustainable development to achieve a win-win situation for mankind and all environmental entities. My research interests include:

- i. Research for development
- ii. Climate change – impacts and adaptation
- iii. Aquatic ecotoxicology
- iv. Estuarine ecology
- v. Phytoplankton ecology

2. EDUCATION AND TRAINING

- i. **Doctor of Philosophy in Oceanography and Limnology:** African Centre of Excellence in Coastal Resilience, University of Cape Coast, Ghana (**ongoing**)
- ii. **Master of Science in Environmental Science:** Masinde Muliro University of Science and Technology, Kenya (2018)
- iii. **Bachelor of Science in Environmental Management and Conservation:** Masinde Muliro University of Science and Technology, Kenya (2015) - First Class Honors.
- iv. Nembu Girls' High School (2009)
- v. Uhuru Gardens Primary School (2005)

3. EMPLOYMENT INFORMATION

- i. **December 2018- Date:** Analyst, Earth and Space Science Schedule, National Commission for Science Technology, and Innovation, (NACOSTI)
- ii. **May 2022- June 2022:** Intern, Hen Mpoano (Our Coasts)
- iii. **November 2017 – November 2018:** Research/ Administrative Assistant, Center of Excellence in Water and Environmental Management (CEWERM), Masinde Muliro University of Science and Technology
- iv. **May- October 2017:** Visiting graduate Scholar- Department of Biological and Geological Sciences, University of Western Ontario- Canada
- v. **July 2016- July 2017:** Intern- Masinde Muliro University of Science and Technology, Department of Biological Sciences
- vi. **January – April 2015:** Intern – Environmental Resources Management Centre for Sustainable Development

4. PUBLICATIONS AND CONFERENCES

- i. **Adhiambo. R,** Muyekho. F, Creed I.F, Enanga. E, Shivoga. W, Trick C. G, Obiri. J, (2019), *Managing the invasion of guava trees to enhance carbon storage in tropical forests*, Forest Ecology and Management 432 (2019):623–630
- ii. **Adhiambo. R,** Muyekho. F, Obiri., (2018, June 22). *The impact of Psidium guajava L. on tree species composition, structure, and diversity in Kakamega tropical forest* [Oral presentation]. First Pan African International Research Congress on Knowledge Dissemination (PAIRC), Grand Royal Swiss Hotel, Kisumu, Kenya
- iii. **Adhiambo. R,** Acheampong. E., Mensah. P.K (2023, June 22). *Decadal phytoplankton research on climate change shows an alarming lack of investment in the Tropics* [Poster presentation]. IMBeR ClimEco8 Summer School, Koper, Slovenia

5. PROFESSIONAL MEETINGS, WORKSHOPS, AND SEMINARS

- i. June 18-28th 2023: Attended a Summer School 2021: Landscape Ecology in Sustainable Development in Kampala Uganda that was organized by Makerere University, The City University of New York, and Martin-Luther-Universität Halle-Wittenberg.
- ii. **July 19-24th 2023:** Attended the IMBeR ClimEco8 Summer School in Koper, Slovenia which was organized by Integrated Marine Biosphere Research (IMBeR), The Interdisciplinary Marine Early Career Network (IMECaN), and ZRS-Koper.
- iii. **September 5-19th 2022:** Attended a summer course on Computational Biology organized by RWTH Aachen, Germany, and Mawazo Institute in Kenya.
- iv. **March 14- 19th 2022:** Attended a summer course organized by Pwani University, Taita Taveta University, and the Technical University of Munich whose theme was “One health and the role of water”.
- v. **August 30 – September 3, 2021:** Attended the AAAS-TWAS Science diplomacy course (online) organized by the American Association for the Advancement of Science (AAAS), and the World Academy of Sciences (TWAS).
- vi. **August 16- 20, 2021:** Attended a short course program on Integrated Coastal Zone Management organized by the Centre for Coastal Zone Management (CCM), University of Cape Coast, Ghana.
- vii. **August 24- September 4, 2020:** Attended the Second United Nations University-Institute for Comparative Regional Integration Studies (UNU-CRIS) Summer School (Virtual) on Modern Diplomacy.
- viii. **October 25-31, 2019:** Attended the Global Landscape Forum, Youth in Landscapes Camp, and HAccrathon in Accra Ghana whose theme was “Restoring Africa’s Landscapes.”
- ix. **June 17-20, 2019:** Attended a short training course under the Food Security Centre (FSC), organized by the University of Nairobi, Kenya.
- x. **July 3- 14, 2017:** Attended an International Summer Program on Global Health held at Schulich School of Medicine and Dentistry, University of Western Ontario.

6. GRANTS, SCHOLARSHIPS, AND AWARDS

- i. **June 2023:** Awarded a Travel grant from the Scientific Committee on Ocean Research (SCOR) and African Centre of Excellence in Coastal Resilience (ACECoR) to attend the IMBeR ClimEco8 Summer School, 2023 (USD 3,000).
- ii. **December 2020:** Awarded the Tonolli Memorial Fund for inspiring limnologists in developing countries (USD 1,500).
- iii. **December 2020:** Awarded a 3-year scholarship to undertake a Ph.D. in Oceanography and Limnology at the World Bank Funded, African Centre of Excellence in Coastal Resilience, University of Cape Coast Ghana (USD 46, 953).
- iv. **March 2017:** Awarded the National Research Fund (NRF), Kenya for an MSc. Environmental science research aimed to “Determine the Carbon Stocks of the Invasive Tree *Psidium guajava* L. in Kakamega Tropical Forest (USD 4,000).
- v. **December 2016:** Awarded the Queen **Elizabeth II Scholars Award** to pursue a six-month Training Internship at the Department of Biological and Geological Sciences, University of Western Ontario- Canada (12,500 CAD).

7. REFERENCES

- i. **Prof. Paul. K. Mensah**
Senior Lecturer,
Department of Fisheries and Aquatic Sciences
University of Cape Coast, Ghana
Cellphone: +233547192938 Email: pkmensah@ucc.edu.gh
- ii. **Ms. Margaret Muthee**
Chief Analyst,
Humanities and Social Sciences Schedule,
National Commission for Science, Technology, and Innovation (NACOSTI)
P.O BOX 30623-00100 Nairobi, Kenya
Cell phone: +254(0)722895729 Email: margaret.wamuyu@nacosti.go.ke
- iii. **Mr. Charles Kigen**
Senior Lecturer,
Geography and Environmental Studies, Moi University
P.O. Box 3900-30100
Eldoret, Kenya
Cell Phone: +254(0)724758635 Email: charleskigen@gmail.com