

## CURRICULUM VITAE

### 1. PERSONAL INFORMATION

Name : **Prof. Stephen Obiero Anyango, PhD**  
Nationality : Kenyan  
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### 2. MEMBERSHIP IN PROFESSIONAL SOCIETIES:

- Member, Environmental Institute of Kenya;
  - Member, Ecological Society for Eastern Africa (ESEA);
  - Member, Nature Kenya
  - Member -Africa Life Cycle Assessment Network (ALCANET).
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**3. SUMMARY:** Involved in research and capacity building for over 23 years. Has experience in Sustainable development and environmental conservation monitoring and policy agendas. Has undertaken participatory as well as strategic planning monitoring and evaluation of development programmes including; Agricultural, Health care, Water and Sanitation, Conservation, Educational, energy and livelihood programmes, as well as natural resource management projects. Has extensive experience in environmental policy and institutional analysis, communities' needs assessment/gap assessments, developing community action plans using participatory approaches and Project cycle Management-Logical Framework approaches. He has undertaken various Environmental Impact Assessment/Audits and Participatory Rural Appraisals. ICT proficiency includes: Data storage, analysis, management and presentation (including spatial data), statistical analysis and presentation. And has implemented various consultancy based projects.

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### 4. EDUCATION

2000 -2005 : **Ph.D.** (Environmental Sciences), Kenyatta University / Nottingham University, UK.  
1992-1995 : **M. Phil** (Environmental Health), Moi University Eldoret, Kenya  
1988-1990 : **BSc** (Agriculture), University of Nairobi, Nairobi, Kenya

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### 5. PROFESSIONAL COURSES ATTENDED

- **2018(November)**- Pedagogy, Andragogy and Mentorship Training – CEPA UoN
- **2018 (March)**-Trainer of Trainers Certificate on becoming Innovation Champion UoN
- **2018(February)** -PHD Supervision Training University of Nairobi
- **2015 (May)** – Impact Evaluation Workshop –APHRC and World Bank Program
- **2014** - Public Participation in Environmental Compliance and Enforcement organized by US Environmental Protection Agency/ East Africa
- **2014** -Renewable Energy policy options and strategies -Web based course –The World Bank

- **2009** Development of Clean Development Mechanism- Certificate course – UNDP Nairobi
- **2003** Regional training on Geographic information systems (GIS)
- **2000** Trainer of Trainers course on life Cycle Assessments
- **1999** Certificate course -Environmental management and ISO14000series UNIDO/ISO
- **1998** Trainer of Trainers certificate - Kenya Institute of Administration
- **1995** Certificate - Geographic Information Systems and use of IDRISI Software Clerk University, USA
- **1995** Certificate – Remote sensing and Geographic Information Systems
- **1993** Certificate – Environmental Impact Assessment Moi University

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## 6. Work experience

### Current position

**Associate Professor Faculty of Law: CASELAP** Here in, facilitates post graduate training programmes (PhD and Masters) as part of my teaching responsibilities. Have been involved in designing and review of the faculty programmes with the aim of satisfying a void in the previous programs of study. Also been involved in the development of the Centres Strategic plan as well as mentoring of students. Graduate programmes: Units/courses being handled Includes: Environmental policy formulation, Land and land use policies, Energy resources policies, Environment, Natural resources planning and management and Research methodologies.

My scholarly activities focus on Environmental health, policies Analysis and development. My Current research domain includes being a co-Investigator in a regional research - Global Environmental and Occupational Health (GEOHealth) Hub for Eastern Africa project this is a 5-year but currently accessed new funding for another 5 years Research, **Training and Capacity building project** till 2026. The focus is to generate evidence for policies in air pollution, climate change and occupational health.

**2012 - 2018: Senior Lecturer: Centre for Advanced Studies in Environmental Law and Policy (CASELAP) University of Nairobi Kenya.**

**2006-2011: Lecturer: Department of Environmental Sciences, Kenyatta University.**

**Units/courses being handled Includes:** Undergraduate and post graduate programmes- Environmental monitoring and assessment, Industrial Ecology and Cleaner production, Project monitoring and Evaluation, Climate Change Studies, Waste management, Water Resources Management, Natural Resources Management.

**1999-2006: Assistant lecturers Department of Environmental Sciences, Kenyatta University.**

**1996 – 1998: Lecturer I (Environmental Science) Kenya water Institute, Ministry of environment and natural resources. Section head environmental education/ health duties**

- Management and administration of the section

- Conducting relevant tuitions at diploma, certificates and tailor made short courses.
- Constant review and improvement of environmental training programmes
- Involved in related applied research issues

**1998- 1999:** **Part time lecturer** in the Department of Urban and Regional Planning University of Nairobi.

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## 7. CONSULTANCIES UNDERTAKEN

**2022 Consultant** Environmental and Social Impact Assessment (ESIA) Expert environmental and social impact assessment (ESIA) for the Zanzibar support to skills development for youth employment in the blue economy (tourism, marine, maritime and offshore oil and gas) project - SEBEP in Unguja and Pemba. Client African Development Bank (AfDB).

**2022 Lead Consultant** Conduct a Social Audit for Kenya Adaptation Fund Programme The tasks included: -a desk review of project documents, reports, country specific project intervention documents and reports among others. Develop an appropriate and acceptable study methodology, data collection tools, a sampling frame and data management plan. - Coordinate and supervise data collection in the target areas. And thereafter data entry and analysis. -Prepare the Social Audit report in a format acceptable to TI. And present report as well as a complete database to TI and partners and other stakeholders.

**2021: Associate Consultant:** A study on the impact of climate change on conflict and gender dynamics among communities in Kenya. Reducing Insecurity and Violent Extremism in the Northern and Coastal regions of Kenya (REINVENT) Programme client: Commonwealth and Development Office (FCDO).

**2021: Associate Consultant:** End of Project Evaluation for the Food Security and Safety Net Programme in North East Nigeria Programme by Food and Agriculture Organization of the United Nations: (FAO) in Nigeria.

**2021: Associate consultant** to conduct End of Project evaluation for the Tax Dialogue in Kenya project. The assignment is expected to be completed by 31<sup>st</sup> January 2021. been contracted by Oxfam GB.

**2020: Team Leader** Country-Wide Vulnerability Assessment and Risk Projection to Determine Ecosystems, Infrastructure, Livelihoods and Communities at Risk to Inform Adaptation Targets and Actions. **Client** UNDP Zambia and Government of the Republic of Zambia (GRZ).

**2020: Team leader:** Development of The Kenya National Environmental Performance Index (KEPI) and Environmental Crime Index 2020 Client National Environment Management Authority (NEMA).

**2019: Consultant EIA Expert Environmental and Social Impact Assessment Project: ESIA** Update: Mutunguru Small Hydro Project ESIA: Interconnection Line to Kanyakine Substation. In Meru county Kenya Project title: MUTUNGURU HYDROPOWER PROJECT. Project objectives Included Development of a 7 MW run of the river system hydro power project that will replace a small, older community-owned HPP of 26 kW installed capacity Connection of the system to the National grid at Kanyakine Substation. Client Mutunguru Hydro Electric Company Ltd.

- 2019: Consultant:** Gender Study of the County Climate Change Fund (CCCCF) mechanism and the investment (Garisa Isiolo, Kitui, Makueni and Wajir). Project title “Building Effective, Accountable Mechanisms for Climate Resilience in Kenya”
- 2019: lead Consultant:** Providing technical support for the development of a Grazing Management Plan for Rombo conservation area in Kajiado county Kenya (within the Amboseli ecosystem / landscape). Client African Conservation Centre.
- 2018-2019: Consultant:** Export Market Access Research for Kenyan in the Tripartite Free Trade Area; focusing on Tanzania, Mozambique. The Output: the development of Export strategy for Kenya Client: Export Promotion Council (EPC) Kenya.
- 2018: Lead Consultant:** WWF Africa Climate Change Adaptation Initiative (ACCAI) project mid-term review. Client: WWF –Norway and NORAD.
- 2017-18: International Consultant:** promoting climate-resilient, community-based regeneration of indigenous forests in Zambia’s central province- GEF project: “sustainable livelihoods expert”. Client UNDP and the Department of forestry The Government Republic of Zambia (GRZ).
- 2017-18: EIA Expert** Environmental Impact Assessment Project: “The Planning, Surveying and Titling of Six Informal Settlement Informal Settlement, Nyeri County (Contract No. MLHUD/KISIP/CS/002/2015-2016). Kenya Informal Settlements Improvement Project (KISIP) Clients LER Consults and Ministry of Urban Development and Housing.
- 2017-2018: Consultant:** Consultancy Services for Market Survey & Product Research Services in the Republic of Ghana. Client: Export Promotion Council (EPC) Kenya.
- 2017: Consultant:** Review and development of the National Wildlife Conservation and Management Policy. Constructed by UNEP and Ministry of environment and natural resources Government of Kenya.
- 2016: Lead consultant** consultancy for in-depth assessment of environment and natural resources policy framework affecting conservancies in Kenya. Kenya wildlife conservancies Association (KWCA).
- 2016: Lead Consultant:** The evaluation of WASH program activities in Hagadera and Kambioos refugee camps, DADAAB Norwegian Refugee Council (NRC) – HOASSUY
- 2016: Lead consultant.** State of Climate Change Responses and Mitigation in the Lake Victoria Basin, Republic of Kenya- baseline study Friedrich Ebert Stiftung (FES) foundation Kenya.
- 2016: Consultant:** Consultancy Services to Undertake Capacity Development for Integrating Climate Health Risk into Green Growth and Adaptation in Africa. Location: five selected Sub-Saharan African countries (Rwanda, Malawi, Djibouti and Nigeria) Client: African Development Bank (AfDB).

- 2015: Environmental Impact Assessment**, of the proposed mining of heavy sand minerals in The Kenya coast, Malindi Location Kenya Client: African national Industries Limited.
- 2015: Consultant:** Sector Teams to Conduct Sector-based Impact Assessments for the Vulnerability, Impacts and Adaptation Assessment in the Lake Victoria Basin. **Year:** 2014/2015 **Location:** Burundi Kenya Uganda and Tanzania **Client:** Tetra Tech ARD Consultants. **Main project features:** Undertake sector-based climate change vulnerability, Impacts and Adaptation Assessment in the Lake Victoria Basin for Health, sanitation and human settlements. **Positions held:** Health, Sanitation & Human Settlements sector team member.
- 2015:** (August-December). **Lead Consultant** Promoting hygiene access to safe water and appropriate sanitation in Mukuru and Korogocho informal settlements Year: Location Nairobi Client: Kenya Water for Health Organization (KWAHO) with support from GOAL- Irish Aid funding.
- 2015:** (June–September). **Lead Consultant** Survey for Kenya sanitation and hygiene improvement programme (KSHIP). Covering 11 sub counties Year: Location Kenya Client AMREF Health Africa.
- 2014: lead Consultant:** Situational Analysis of the Country’s Natural Resource Capital (Land, Forests, Wildlife, Fisheries, Energy and Water Resources). For WWF Kenya Country office Location: Kenya Countrywide.**Client:** WWF Kenya **Main project features:** Assess the country’s natural resources in terms of trends of usage, challenges and possible interventions strategies to conserve the resources. And provide a report which was important during the development of WWF Kenya strategic plan for 2015 -2020.
- 2014: Consultant:** Capacity assessment of eleven selected partner civil society organisations in Kenya for the World Wide Fund for Nature (WWF) Kenya Country Office (WWF-KCO).
- 2014: lead Consultant:** Annual survey for Water and Sanitation, Aquaculture and Renewable energy livelihood intervention measures in Nyando River Basin. LVEMP II Civil Society Watch Programme.
- 2014: lead Consultant:** Situational Analysis of the Country’s Natural Resource Capital (Land, Forests, Wildlife, Fisheries, Energy and Water Resources). For WWF Kenya Country office
- 2014 lead Consultant:** Study on The Effects of Climate Change on Wash Services and the resulting Impacts on children in Kenya” for UNICEF, Kenya
- 2013 Member:** The technical committee Developing National Strategy and Action plan on Biological diversity for the ministry of Environment water and natural resources: multilateral agreements Directorate.
- 2013: lead consultant:** Baseline survey for Laikipia Wildlife Forum to assess communities understanding (knowledge), attitudes and practices on conservation of ecosystems in Laikipia for improved livelihoods. This is in terms of environmental processes (hydrological cycle, energy

flow, minerals cycle, living communities and plant succession); management options; rights and obligations for effective and sustainable ecological conservation and management.

- 2013: lead consultant:** water services standards assessment using citizen report card tools to determine the effectiveness of water resource management for partnership for improved performance in water sector and water resource management in Kisumu County. Sustainable Aid in Africa (SANA) international.
- 2012: Associate Consultant:** Development of a Framework Guide for Renewable Energy Policy Implementation in Kenya UNEP.
- 2012: lead Consultant:** Baseline survey for Water and Sanitation, Aquaculture and Renewable energy livelihood intervention measures in Nyando River Basin. LVEMP II Civil Society Watch Programme.
- 2012: Lead Consultant:** Citizen Report Card WASH Kajiado: A study of the sectors' citizen perception on the WASH services provided in the county: commissioned by Kenya Alliance of Residence Association (KARA) and Kenya Water and Sanitation Network (KEWASNET). The assignment aimed at developing evidence based report on WASH perception of the residence of Kajiado County for the CSOs to have a meaning full dialogue with government on how to improve policies and services the in WASH sector in Kenya.
- 2012 Consultant:** Project Cycle Management Training Services for the Eastern Africa Agricultural Productivity Project (EAAPP) Implementation Staff. Ministry of Agriculture
- 2012: Lead Consultant:** Assessment study to identify the status of natural resource governance in Kenya. A situation analysis study; for WWF project in the coastal region of Eastern Africa.
- 2011-2012: Convener** for the thematic group on **Land, Environment and Climate change** (technical group) in the Ministry of Local Government driving the participatory process of development of the urban policy: **The National Urban Development Policy (NUDP)-2012.**
- 2011: Lead Consultant:** End term evaluation for integrated health and social Development project Samburu central district; water and sanitation project implemented by AMREF Kenya.
- 2011: Lead Consultant:** Midterm evaluation of child focused development project in Malindi County implemented by **AMREF Kenya** and funded by AMREF- Italy
- 2010: Lead Consultant:** End term evaluation of water and sanitation project (WSDP) II Funded by Dutch Ministry of Foreign Affairs Project location: Sanaag Region, Somalia Project duration: August 2008 – July 2010, Implemented by **Horn Relief**

- 2010: Lead consultant:** End term evaluation of the Kariobangi HIV & AIDS response project end term evaluation project location Korogocho location, Kasarani division, Nairobi north district implemented by World Vision Kenya.
- 2010: Lead Consultant:** Baseline survey on socio-economic and gender consideration in achieving the optimal outputs of the biogas programme for the Kenya National Domestic Biogas Programme (KENDBIP). Funded by Humanist Institute for Cooperation with Developing Countries (HIVO) and Netherlands Development Organization (SNV)
- 2010: Lead consultant** End term evaluation for Humanitarian Drought Assistance through Food for Work, Improved Water Availability and Soil and Water Conservation in Highly Affected ASAL Areas of Kitui implemented by WHH/GAA*Welthungerhilfe e.V.* / German Agro Action and funded by European Commission Directorate-General for Humanitarian Aid (ECHO).
- 2010: Consultant:** Evaluation of the Community Health Strategy Implementation in Kenya by the Ministry of Public Health and Sanitation (MOPHS) and UNICEF Kenya.
- 2010: Lead consultant:** Baseline survey for integrated health and social Development project Samburu central district; water and sanitation project implemented by AMREF Kenya.
- 2007-2009: National Consultant \_INRA:** The Intergraded Natural resources assessment (INRA): Development of a national baseline database on natural resources and resource use in Kenya involved in direct supervision and implementations of the project. (FAO/ GOK Project).
- 2009: Consultant:** End-term evaluation for DAK ACHANA Program which focused on Sustainable Livelihood Security for Vulnerable Households in Nyanza Province, Kenya”. CARE International in Kenya. Funded by USAID.
- 2009 Lead consultant:** End term evaluation for The Chemase-Kibigori Water, Sanitation and Education for Health Project (CKWASEH) that focused on improving the hygiene practices, sanitation, livelihoods and access to potable water in Nyando and Nandi North Districts. A CARE International in Kenya project funded by European Union.
- 2007 Trainer:** Development training materials, training and field work coordination for a regional training workshop for Trans-boundary water resources management for middle managers. ACTS, SIDA Nairobi Kenya and Kigali Rwanda- a Regional Training workshop.
- 2007 Consultant:** conduct an end term evaluation for a project entitled “The impacts of combined health education, Nutrition and water and sanitation in vulnerable population in Mandera District, North Eastern Kenya.” for Action against Hunger (AAH)– an international NGO working in the area of Humanitarian assistance in the North Eastern Kenya and Sudan. Contracted by European Commission on Humanitarian Assistance (ECHO).

- 2005 Consultant:** Evaluation of Local Community Livelihood Strategies for Sustainable Biodiversity Resource Management at Sabaki River Estuary, Malindi, Kenya
- 2005 Consultant:** Development training materials and training conservancy managers in Samburu district northern Kenya in participatory natural resource management. Earth watch Africa project. Training workshop on GIS for Resource Managers in Samburu Laikipia Conservancies.
- 2005 Consultant:** Monitoring the spread of *Prosopis Juliflora* in Garissa and TanaRiver Districts – World Agroforestry/ RELMA Projects.
- 2005 Consultant:** Monitoring and assessment of the extend of bamboo tree species within the Mount Kenya forest vegetation - World Agroforestry/ RELMA Projects.
- 2003 Consultant:** Vegetation survey and mapping for the greater Southern Kordofan region in the Republic of Sudan. Regional centre for mapping/ Government of Sudan Min. of Agriculture project funded by IFAD.
- 1997 Consultant:** Resource person for training programmes at regional centre for resource mapping for development, Nairobi Kenya
- 1996 Consultant:** Conducted a GTZ funded study on solid waste recycling and reuse Enterprises in Nairobi and Thika.
- 1996 Consultant:** Evaluation of a community based solid waste management project in Kitale town – A projected funded by community development Trust fund (CDTF), European Union.
- 1996 Consultant:** Development of a solid waste management system at safari park Hotel, Nairobi Kenya.

## 7. BOOKS AND PUBLICATIONS

1. Hannah Wamuyu, Collins Odote and Stephen **Anyango** (2021) Compensating Toxic Torts in Kenya: Overcoming the Causation Dilemma, The Journal of Sustainable Development, Law and Policy, 12:2, 258-281, DOI: <https://dx.doi.org/10.4314/jsdlp.v12i2.5>.
2. **Stephen Obiero Anyango**, Ruth Muthui and Elvin Nyikuri. Sustainability of charcoal production in the Arid and semiarid lands of Kenya: A policy Dilemma (**submitted**) Advances in Social Sciences Research Journal Vol. 6 No. 4 - Apr 2019
3. **Stephen Obiero Anyango** and Jackson Kiplagat, Natural Resources Governance in Kenya: The Assessment of the Fisheries Resources Subsector Volume 24 **International Journal of Ecology**



**and Environmental Sciences** ISSN: 2664-7133, Print ISSN: 2664-7125 Volume 24; Issue 3; July 2019; Page No. 25-30

4. Ezekiel Kemboi, Jones F. Agwata and **Stephen O. Anyango** Institutional Impact on Pastoral Community Resilience to Drought in Kajiado County, Kenya. International Journal of Science and Research (IJSR) ISSN: 2319-7064 Index Copernicus Value (2016): 79.57 7.296 Volume 7 Issue 9, September 2018 [www.ijsr.net](http://www.ijsr.net).
5. Ezekiel Kemboi, Jones F. Agwata and **Stephen O. Anyango**. Socioeconomic Impacts of Drought among Pastoral Community in Kajiado County, Kenya. International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064 Index Copernicus Value (2016): 79.57 Volume 7 Issue 5, May 2018 [www.ijsr.net](http://www.ijsr.net).
6. **Stephen Obiero Anyango**. Political Economy of Africa's Natural Capital and The Emerging New Global Order. The first international interdisciplinary conference on Africa in the Emerging World Order. Venue: University of Nairobi, Main Campus 24-26 October 2018.
7. **Stephen Obiero Anyango** and Njeru, Linus Kariuki. Indoor Carbon Monoxide Emissions and Particulates Produced from Combustion of Carbon Based Fuels and Their Health Implications On Rural Households of Manyatta Ward, Embu County, Kenya. IOSR Journal of Environmental Science, Toxicology and Food Technology (IOSR-JESTFT) e-ISSN: 2319-2402, p- ISSN: 2319-2399. Volume, Issue Ver. I (October. 2018).
8. **Stephen Obiero Anyango**, Biston Mbewe, & Velice Shizia Nangavo (2018) Towards Sustainable Livelihood Practices in the Indigenous Forests of Zambia's Central Province: Barriers and Opportunities. Journal of Energy and Environment Research; Vol. 8, No. 2; 2018 ISSN 1927-0569 E-ISSN 1927-0577.
9. Angela Mungai Richard Mulwa and **Stephen Anyango (2018)** Political Economy and Stakeholder Perspectives On Inclusive Low-Carbon Energy Transition: Case of Kenyan Rangelands International Journal of Sustainable Energy and Environmental Research 2018 Vol. 7, No. 1, pp. 35-43 ISSN(e): 2306-6253 ISSN(p):2312-5764 DOI: 10.18488/journal.13.2018.71.35.43
10. Angela Mungai, Richard Mulwa, **Stephen Anyango (2018)**. Household Perspectives and value of Low-Carbon off-grid Energy Technologies in the Kenyan Rangelands 1International journal of Rural Development, Environment and Health Research(IJREH) [Vol-2, Issue-4, Jul-Aug, 2018] <https://dx.doi.org/10.22161/ijreh.2.4.1> ISSN: 2456-8678.
11. **Stephen Obiero Anyango**, Patricia K. Baariu (2018). The Assessment of Policy and Institutional Arrangements of the Upstream Hydrocarbons Subsector in Kenya: Challenges and Opportunities IOSR Journal of Humanities and Social Science (IOSR-JHSS) Volume 23, Issue 5, Ver. 1 (May.

**2018)** PP 68-79 e-ISSN: 2279-0837, p-ISSN: 2279-0845. [www.iosrjournals.org](http://www.iosrjournals.org) DOI: 10.9790/0837-2305016879 www.iosrjournals.org pg. 68.

12. **Stephen Obiero Anyango** and Lucy K. Munyugi. E-Waste Management Practices: Policies Strategies and Regulations, In Selected National Institutions, Nairobi, Kenya. *IOSR Journal of Environmental Science, Toxicology and Food Technology* (IOSR-JESTFT) e-ISSN: 2319-2402, p-ISSN: 2319-2399. Volume 12, Issue 3 Ver. I (March. **2018**), PP 81-92www.iosrjournals.org
13. Juliana Kamanthe Muia Mutua, Jones F. Agwata and **Stephen Anyango (2017)**, Effectiveness of sanitation policy instruments in Mavoko Municipality of Machakos County, Kenya. *Cogent Environmental Science* 3: 1339387 <https://doi.org/10.1080/23311843.2017.1339387>.
14. Mutua, J.K.M., Agwata,J., **Anyango, S.**& Oguge, N.(**2018**). Appraising Policy, legal and Institutional Frameworks used in promoting Sustainable Sanitation Management Approaches in Mavoko Municipality within Machakos County. *Advances in Social Sciences Research Journal* Vol.5, No.10
15. Juliana Mutua, Joanes Agwata and **Stephen O. Anyango**, Effectiveness of Policy, Legal and Institutional Frameworks Regarding Sanitation Management Approaches in Mavoko Municipality *Journal of Environmental Policy & Planning* (CJOE-**2017**-0025).
16. Kelvin Khisa Nicholas Oguge and **Stephen Anyango Obiero** Mainstreaming the culture of Eco-Industrial Parks (EIPs) in Kenya for the Sustainable Realization of the Country's Vision 2030, *Journal of Environmental Management Volume 197, (15 July 2017)*.
17. Gladys Muthochi Gathuru, Peter Mwakio Tole, **Stephen Obiero Anyango**. The Performance of *Acacia xanthophloea*, *Schinus molle*, *Casuarina equisetifolia* and *Grevillea robusta* in The Rehabilitation of a Limestone Quarry at East African Portland Cement Factory, Athi River, Kenya. *Geo-Eco-Marina* 23/2017. *Geo-Eco-Marina* [Online], 23 (2017): 121-132. [http://journal.geocomar.ro/geo-eco-marina/article/cite/07\\_2017](http://journal.geocomar.ro/geo-eco-marina/article/cite/07_2017)
18. Kelvin Khisa, Nicholas Oguge, **Stephen Anyango Obiero** Mainstreaming the Culture of Eco-Industrial Parks (EIPs) in Kenya for the Sustainable Realization of the Country's Vision 2030 *Journal of International Business Research and Marketing* Volume 2, Issue 1, **2016** journal homepage: [www.researchleap.com](http://www.researchleap.com)
19. **Anyango, S. O.**, Kecha, A., Otieno, P N., (2016). State of Climate Change Responses and Mitigation in the Lake Victoria Basin, Republic of Kenya., Friedrich Ebert Stiftung Kenya [www.fes-kenya.org](http://www.fes-kenya.org), Mouldex ISBN 978-9966-098-84-9.

20. Khisa, K., Tole M., **Anyango S. O.** and Mwangi. B., (2015). The Efficacy of a Tropical Constructed Wetland for Treating Wastewater during the Wet Season: The Kenyan Experience. *Journal of Environment and Earth Science*. www.iiste.org ISSN 2224-3216 (Paper) ISSN 2225-0948 (Online) Vol.4, No.15, 66.
21. Solomon D. Balew, Jones F. Agwata and **Stephen O. Anyango (2014)** Determinants of Adoption Choices of Climate Change Adaptation Strategies in Crop Production by Small Scale Farmers in Some Regions of Central Ethiopia the *Journal of Natural Sciences Research, JNSR*. (2014).
22. Eunice W. Mugeru, Jones F. Agwata and **Stephen O. Anyango (2014)**. Sources, Accessibility and Reliability of Water for Various Uses in Ruiru District of Kiambu County, Kenya. *Journal of Natural Sciences Research*.
23. **Stephen Obiero Anyango** and *Jackson Kiplagat*, Natural Resource Governance in Kenya: *The Assessment of the Policy, Legal and Institutional Framework for the Fisheries Sub Sector*. Eighth Western Indian Ocean Marine Science Association (WIOMSA) Scientific Symposium (2013)
24. **S. Obiero Anyango** Overview of Water Supply, and Sanitation in Kisumu County: public perception and expectations based on a participatory service delivery Assessment 1<sup>st</sup> Kisumu County Water Conference (2013).
25. Wekesa A, **Anyango O.**, and Waswa F., **Potential of Life Cycle Management for Sustainable Production of Sugar at Mumias Sugar Company**. *Commercial Sugar Cane Farming in Lake Victoria Basin: A quandary of Opportunities* Ed. Waswa, F. Wafula N., Naisiko W. Foundation publishers, Kampala Uganda (2012).
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26. Akunga, N.D., Keraka, M and **Anyango S. O.** *Burden of Childhood Diarrhea from Water sanitation and hygiene: The case of Nairobi City, Kenya*. Verlag Dr. Muller (VDM). ISBN978-3-639-27847-7 (2010).
27. **Oroda A.** Anyango S.O Branthome A, Situma C. Land use land cover changes in the Lake Victoria region *E. African ecology*, 2009,
28. **Anyango S.O**, Aloo T, Black C and Chin C. K: Niche differentiation for improved crop growth and yield in arid and semi arid lands of Kenya. *African Journal for Environmental studies and development* Vol 1 no. 1 Dec 2008 ISSN: 1995-1329.
29. Branthomme, A. Bunning, Kamerlaczky, S. Rodas R., **Anyango, S.O.** and Situma, C. Integrated Natural Resources Assessment Kenya: field manual ([www.fao.org/forestry/media/14727/1/0/](http://www.fao.org/forestry/media/14727/1/0/)) (2009)
30. **Anyango SO.** and Orindi V: Impact of climate change on food security\_ regional perspective for

Africa Commissioned by German watch and Bread for the World and presented in the *International Climate Change Experts Workshop/Seigburg, Bone, Germany /21-22 February (2008)*

31. **Anyango, S.O.** and Orindi, V. Biofuels Production as a Mitigation Strategy: The Potential Impacts on Food Security and Environmental Sustainability in Kenya: *National conference on the environment organized by National Environmental Management Authority (NEMA).19-21<sup>st</sup> may 2008.*
32. Chin C. K, **Anyango S.O**, Black C. and Muthuri C. W: Water Use and water productivity of Agroforestry systems in semi-arid tropics – *Annals of arid zone 46(3&4): 1-30, (2007)*
33. **Anyango SO.**, Orindi V: Bio fuels production as a mitigation strategy for climate change: the potential impacts on food security and environmental sustainability. *International conference on policy on Hunger. Berlin, Germany (2007).*
34. **Anyango, S.O** and Kenyanito, T, Linkages between community, environmental, and conflict management in semiarid lands: a case study of Samburu community Kenya 2005
35. **Anyango S.O.** Water pollution and management status of rivers in the greater Nairobi area a paper presented in a regional workshop at the regional centre for resources for development (1998).
36. **Anyango SO.**, Tole M and Ojakoun C: Ground water resources in Kwale district (1997) *Coastal management series volume 1.*

## **8. RECENT MASTERS AND PHD RESEARCH SUPERVISIONS TO COMPLETION**

### **a) PhD Supervisions**

1. Angela Wanjiku Mungai (Z81/93061/13) Socio-Economic Viability of Renewable Off-Grid Power as A Strategy for Inclusive Access to Clean Energy: Case Study of Rangelands. **PhD Thesis. Centre for Advanced Studies in Environmental Law and Policy (CASELAP) University of Nairobi (2018).**
2. Juliana Kamanthe Muia Mutua (Z81/84921/2012). Urban Sanitation Management Approaches in Mavoko Town of Machakos County, Kenya **PhD thesis. Centre for Advanced Studies in Environmental Law and Policy (CASELAP) University of Nairobi (2018).**
3. Kelvin Khisa (Z81/82221/2011). Development of an industrial ecology model for the Athi river special economic zone: policy implications for green growth in Kenya. **PhD thesis. Centre for Advanced Studies in Environmental Law and Policy (CASELAP) University of Nairobi (2016).**

4 Gladys Gathuru (N85/15112/2004) Rehabilitation of limestone Quarry: Comparative study of performance of selected tree species at Portland cement factory land, Athi River, Kenya". **PhD Thesis. 2011 Department of Environmental Sciences Kenyatta University (2010).**

5. Daniel Akunga (I84/15283/2005) "Estimating Burden of Diarrhoea associated with water, Sanitation and Hygiene Among the under fives in residential environs of Nairobi, Kenya". **PhD thesis Department of Public Health Kenyatta University (2009).**

#### **b) Masters (MSc) Supervision**

1. Aloyce Peter Ndege (Z51/75125/2014) Assessing The Efficacy of the Regulation of Recreational Noise Pollution in Emerging Urban Centres in Kenya. Master of Arts (Environmental Law) thesis, **Centre for Advanced Studies in Environment Law and Policy (CASELAP), the University of Nairobi (2020).**
  2. Githaiga Cicilia Wangari (G20/79937/2012). Analysis of The Role of the County Governments in Implementation of the Nagoya Protocol On Access and Benefit Sharing: A Case Study of Baringo County in Kenya. Master of Arts (Environmental Policy) thesis, **Centre for Advanced Studies in Environment Law and Policy (CASELAP), the University of Nairobi (2020).**
  3. Juma Ignatius Maiyah (Z50/7730/2017). Assessing the uptake of biogas as a source of clean energy for cooking by low income households in Kibera slum, Kenya. Master of Arts (Environmental Policy) thesis, **Centre for Advanced Studies in Environment Law and Policy (CASELAP), the University of Nairobi (2020).**
  4. Parashina John Lampat (Z50/75722/2014) Analysis of climate resilience among the livestock dependent community wildlife conservancy, Kajiado County, Kenya." Master of Arts (Environmental Policy) thesis, **Centre for Advanced Studies in Environment Law and Policy (CASELAP), the University of Nairobi (2019).**
  5. Mbaki Sueann Mwake (Z50/87870/2016) Solid Waste Management in Nairobi County: Towards Resource Recovery and Reuse. A Case Study of Roysambu Sub-County. **M.A. Thesis. Centre for Advanced Studies in Environment Law and Policy (CASELAP), the University of Nairobi (2018).**
  6. Otieno Roy Odongo (Z50/88326/2016). Adoption of Clean Cooking Energy Technologies in Rural Households: a Case study of South Sakwa Ward in Siaya County. **M.A. Thesis. Centre for Advanced Studies in Environment Law and Policy (CASELAP), the University of Nairobi (2019).**
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7. Ruth Mueni Muthui (Z51/81671/2012) Assessing Compliance with Charcoal Laws and Regulations in Kitui, Kenya. **M.A. Thesis. Centre for Advanced Studies in Environment Law and Policy (CASELAP), the University of Nairobi (2018).**
  8. Patricia Karamuta Baariu (Z50/80572/2012) Assessment of Flooding Risk Factors, Vulnerability and Resilience of the South C Ward of Nairobi City County. **M.A. Thesis. Centre for Advanced Studies in Environment Law and Policy (CASELAP), the University of Nairobi (2017).**
  9. Doreen Ivy Odeck (Z50/70055/2011). An assessment of the role of community conservancies in the management of wildlife resource in Oloisukut conservancy, Narok County, Kenya. **M.A.**

**Thesis. Centre for Advanced Studies in Environment Law and Policy (CASELAP), the University of Nairobi (2016).**

10. Ruby Akinyi Okoth (Z50/70226/2011). Factors influencing the participation of the informal private sector in the management of solid waste management in Nairobi city county, Kenya. **M.A. Thesis. Centre for Advanced Studies in Environment Law and Policy (CASELAP), the University of Nairobi (2016).**
  11. Steve Kamerino Odiakha (REG NO: Z50/68321/2013). Estimating the economic value of non-timber forest products to the adjacent communities of Marsabit forest reserve. **M.A. Thesis. Centre for Advanced Studies in Environment Law and Policy (CASELAP), the University of Nairobi (2015).**
  12. Solomon Balew Deffersha (“Impact of Farmers Adaptation strategies on Maize productivity in Central Ethiopia” MA Environmental Policy **Thesis Centre Advanced studies in Environmental Law and policy (CASELAP) University of Nairobi (2014).**
  13. **Daniel Namenya Naburi** “Assessment of Adoption of water Shed management approaches for sustainable Constituency Development Fund Projects in Funyula Constituency, Kenya” **M.A. thesis; Department of Environmental Studies, Kenyatta University (2013).**
  14. Lucy Kanana Munyugi (N50/10000/2008). “E-waste management strategies in selected institutions in Nairobi Kenya”. **M.Sc. thesis, Department of Environmental Sciences, Kenyatta University. (2012).**
  15. Okumu Dickson Aduo (157/11277/2004). “Health effects of mercury used by Artisanal Gold mining in Lorgorien, Trans Mara District”. **M.Sc. thesis: Department of Public Health. Kenyatta University (2012).**
- 
16. Eunice Wambui Mugeru (N50/11159/2004) “Management of water resources in the peri-urban areas of Ruiru District, Kenya” **M.Sc. thesis; Department of Environmental Sciences Kenyatta University (2011).**
  17. Daniel Singi “Food security opportunities and challenges in Taita Taveta District Kenya “**M.Sc. Project, Department of Environmental Planning and Management. (2011).**
  18. Wekesa Marabu (N50/12945/2005). “The potential of life cycle management approaches for sustainable production of sugar at Mumias Sugar Company, Kenya” **M.Sc. thesis Department of Environmental Sciences Kenyatta University (2011).**
  19. Dianga Samson “Occupational health problems in selected chemical industries in Kenya.” **M.Sc. thesis Department of Public Health, Kenyatta University (2011).**
  20. Abdi zeila Dubow (N50/12955/2005) “Inventorying and mapping the spread of *Prosopis Juliflora* in Garisa County, Kenya. **M.Sc. thesis Department of Environmental Sciences Kenyatta University (2011).**
  21. Wekesa Marabu (N50/12945/2005). “The potential of life cycle management approaches for sustainable production of sugar at Mumias Sugar Company, Kenya” **M.Sc. thesis Department of Environmental Sciences Kenyatta University (2011).**
  22. Dianga Samson “Occupational health problems in selected chemical industries in Kenya.” **M.Sc. thesis Department of Public Health, Kenyatta University (2011).**

23. Baraza Kisangani (N50/11155/2004) "Relationship between levels of indoor Air pollution from lighting fuels and respiratory diseases incidence in Gadamoji area of Marasabit". **M.Sc. thesis, Department of Environmental Sciences, Kenyatta University (2010).**
24. Geoffrey Orina Bosire(I56/10871/2004): "Rehabilitation and Phytoremediation of Heavy metal polluted Riverine wetland using Bamboo for Phytoextraction in Kibera Nairobi Kenya **M.Sc. thesis Department of Chemistry Kenyatta University (2009).**
25. Linus Karuiki (N50/5004/2003) "Indoor carbon monoxide emission and particulates produced from combustion of carbon based fuels and their Implications in rural households of manyatta Division, Embu District, Kenya" **M.Sc. thesis Department of Environmental Sciences, Kenyatta University (2009).**
26. Richard Mahugus "Commercialization of Sewage farming in Maili Saba Village, Embakasi Nairobi" **M.Sc. thesis, Department of Environmental Sciences, Kenyatta University (2008).**

## 9. CONFERENCES / SEMINAR / WORKSHOPS

1. The First African Scientific Research and Innovation Council (ASRIC) November 2018 Venue Abuja Nigeria
2. The First International Interdisciplinary conference on Africa in the Emerging World Order. Venue: University of Nairobi, Main Campus 24-26 October 2018
3. US Environmental Protection Agency/East Africa Network for environmental compliance and enforcement workshop on Public participation Feb 2014
4. Training of Trainers Course on becoming an innovation Champion workshop march 2018
5. Validation of Curricula MSc. Programme Environmental Management Programme for Pan African University (PAU) Workshop. Addis Ababa Ethiopia 15<sup>th</sup> – 18<sup>th</sup> November 2011.
6. National workshop on Integrated Natural Resource Assessment: **Methodology, policy and data gaps** GOK/FAO project 23-27 Feb 2007, Nakuru Kenya.
7. National workshop on the integrated natural resource management for **data collectors**, Nakuru Kenya GOK/FAO project, October 2007 Nakuru Kenya
8. International conference on **policy against Hunger: Bioenergy and food security** 16-19 December 2007, Berlin Germany.
9. International workshop organized by the German watch and Bread for the World on **climate change and food security** 6<sup>th</sup> -7<sup>th</sup> Feb 2008, Frankfurt, Germany.
10. National Conference on the Environment: Conserving and managing the environment for sustainable livelihood – 19-21 May 2008, Nairobi Kenya
11. Workshop on the National on **the State of Plant Genetic Resources for Food and Agriculture (PGRFA)** FAO-FNPP/GOK- June 2008, Nakuru Kenya

## 10. RESEARCH GRANTS AND FELLOWSHIPS AWARDED

1. **2015-2020** Co- Investigator GEOHEALTH HUB FOR EASTERN AFRICA- PROJECT The 5-year research, training and capacity building Hub runs from Sept 2015 till August 2020.

2. **2016-2017:** Awarded a grant of Kshs 8 million by UNEP as a Team from CASELAP to undertake the Revision and Development of National Wildlife Conservation and Management Policy of 2017
3. **2014-2015:** Awarded a grant of Kshs 6 million by UNEP as a Team from CASELAP to undertake a study on the Renewable Energy Regulations for the Ministry of Energy of the Republic of Kenya
4. **2012-2014: Co Principal Investigator** Research study aiming at “the Design of improved Geothermal well testing facility with low noise generation and commercial scale heat exchanger using steam at Olkaria geothermal facilities”. The study is funded by Kenya National Council of Science and Technology for 3 years. Implementation in collaboration with Kenya Electricity Generation Company (Ken Gen) and Kenya Geothermal Development Company (KDC).
5. **2003-2005:** Awarded a Commonwealth Scholarship for PhD –Sandwich programme Nottingham University UK/ Kenyatta university Kenya.

#### **11. NETWORKING AND COLLABORATION WITH EXTERNAL ORGANIZATION.**

- **2021- to date** External examiner, Department of Environmental science, faculty of environmental studies, University of Eldoret University.
  - **2017- 2020** External examiner, department of Environmental Studies and Integrated Natural resources, School of Natural Resources and Environmental Management, University of Kabianga.
  - **2011-2012:** Stakeholders Convener: of a Technical Group for the Ministry of Local Government working on the National Urban Policy Development (NUPD): thematic groups on Land, Environment and Climate Change.
1. Appointment to Boards
    - 2018 Chairman: Kenya Bureau of Standard Technical committee on paper for a period of 3 years.
    - 2021 Appointed member: board of Governor for Bukhuma Secondary school for a period of 3 years
    - 2008 Member Kenya Bureau of Standard Technical committee on medical equipment safety for a period of 3 years.

#### **13. COMMUNITY OUTREACH**

- Vice Chair: Mile End Self Help Group Kiambu County Kenya

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<b>Languages:</b>	<b>Speaking</b>	<b>Reading</b>	<b>Writing</b>
English	Excellent	Excellent	Excellent
Kiswahili	Excellent	Excellent	Excellent

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#### **15. REFEREES**



**1. Prof. Nicholas Otienoh Oguge**

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P. O. Box 43844 -00100 Nairobi Kenya  
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**3. Prof Mwakio Tole**

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**Certification :**

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications and my experience.



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(Signature)

Date: 07/01/2022