

LILIAN NAMUMA SARAH KONG'ANI

CURRICULUM VITAE

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PROFILE

An integral team player and leader with more than 11 years of progressive experience with development and environmental issues including climate change through education administration and research, teaching, coordination and implementation of environment, refugee, gender and education programmes, with proven track record of facilitating stakeholder engagement and collaboration, field training and community development through natural resource governance and management. I gained working experience with, the University of Nairobi, Wangari Maathai Institute for Peace and Environmental Studies, Promoting the critical role of women in climate change mitigation (wPOWER) project, Stabilizing Kenya through resolving forest related conflicts (STAKE project), the Kenyan Women's Entrepreneurial Leadership Program (Launch and Grow) and the United Nations Commissioner for Refugees (UNHCR).

SKILLS

Natural resource governance and management, community development, gender mainstreaming, refugee and emergency/relief, strategic management, climate change adaptation, environmental impact assessment and audit, research methods and excellent analytical and evaluative skills with strong communication and presentation skills. Strong inter-personal skills in collaboration and coordination, quality audit, control and assurance, advocacy, natural resource conflict mediation and negotiation, peacebuilding, people management and mentorship, legislation and policy analysis and compliance.

EDUCATION

February 2021 to May 2022:

Fellow, Mawazo Institute: Courses: *Public Engagement and Communication Tools for Researchers, Incorporating a Gender Lens for Researchers, Policy Engagement for Researchers, Participatory Action Research, Ethics in Research, Academic Writing, Publishing, and Grants (AWPG) and Budgeting and Financial Management.*

September 2017 to Date:

Ph.D. Candidate - Doctor of Philosophy in Environmental Governance and Management, University of Nairobi. *Thesis, "Role of Mediation in Resolving Project Implementation Conflicts for Sustainable Development, Case of Olkaria IV, Geothermal Energy Project."* (*Thesis defended*).

September 2014 to December 2016:

Master of Science in Environmental Governance, University of Nairobi, *Thesis on, "Relationship between community livelihood options and climate change knowledge and practices, case of Maasai Mau Forest, Narok County"*

September 2005 to December 2009:

Bachelor of Science in Environmental Studies (Community Development); 2nd Class Honours; Upper Division, Kenyatta University. *Project on, "Solid waste management in IDP Camps."*

COURSES ATTENDED

- Program R Training for data management and analysis by the AcademicDataAnalysts.org (Ongoing)
- The Partnership for Pedagogical Leadership in Africa (PedaL)'s Moodle Learning Management System training by the Partnership for African Social and Governance Research.
- Reflexive Mediation, University of Copenhagen with the support of Danish Development Agency (DANIDA) through STAKE project.
- Industrial Relations and Effective Skills in Leadership and Management Training at the University of Nairobi.
- ISO 9001:2008 Internal Quality Auditor training by Kenya Bureau of Standards.
- Experiential field training course on Sustainable Land Use Management by the University of Nairobi and University of Copenhagen.
- Performance enhancement by EMPOWERMENT™ Resource Technologies Ltd.
- Best Interests Determination (BID) of the children training facilitated by the United Nations High Commissioner for Refugees (UNHCR).
- Disability training, facilitated by Handicap International and Association for Physically Disabled of Kenya (APDK).
- Integrated Environmental Impact Assessment and Environmental Audit, Wangari Maathai Institute for Peace and Environmental Studies.
- Conflict Management Course piloting by STAKE project held in Njoro Township.

AWARDS

- Mawazo Fellows Fund 2022 (Research activities). <https://mawazoinstitute.org/fellows-fund#:~:text=To%20be%20eligible%20for%20this,by%20Friday%2025%20March%2022>
- UoN@50 Achievers. Awarded certificate of recognition for the contribution towards the establishment of the Wangari Maathai Institute for Peace and Environmental Studies, University of Nairobi.
- Awarded the 2020 Ph.D. Scholars Programme by the Mawazo Institute (February 2021 - April 2022) currently implemented as the Mawazo Learning Exchange (MLEx) Fellowship.
- Awarded certificate of Excellence Presentation for a Speech on Climate Change Knowledge among Forest Adjacent Communities during 2019 International Student Conference on Environment and Sustainability (ISCE) at Tongji University and UN Environment, Shanghai, China from 10-15, June 2019.
- Awarded certificate of special recognition for exemplary service to the College in the year 2017/2018.
- Awarded MSc. Research Scholarship in 2015 by STAKE Project at the Wangari Maathai Institute, University of Nairobi.
- Awarded best poster award (third place), during the 4th International Symposium organized by the University of Tokyo's Global Program in Sustainability Science – Global

Leadership Program (GPSS-GLI) which was held on 19th-20th November, 2015 at the Kashiwa-no-ha Conference Centre in Tokyo, Japan.

- Certificate of appreciation for valuable contribution towards a successful Golden Climate International Environmental Olympiad Project through adjudication, Light Academy Schools, 2nd -3rd May 2013.

PUBLICATIONS/POSTER/PAPER PRESENTATIONS

Journal Articles:

- **Kong'ani, L. N. S.,** Wahome, R. G., & Thenya, T. (2022). Managing Geothermal Project Implementation Conflicts through Mediation: A Case of Olkaria IV Project, Nakuru County, Kenya. *Journal of Sustainability, Environment and Peace*, 5(1) 96-108
- **Kong'ani, L. N. S.,** Wahome, R. G., & Thenya, T. (2021). Variety and management of developmental conflicts: the case of the Olkaria IV geothermal energy project in Kenya. *Conflict, Security & Development*, 21(6), 781-804.
- **Kong'ani L. N.S.,** Wahome R. G., & Thenya, T. (2020). Mediating Energy Project Implementation Conflicts, a Learning Curve, the Case of Olkaria IV Geothermal, Kenya. *Journal of cmsd Volume 5(2)*.
- **Kong'ani, L.,** Ang'u, C., & Muthama, N. (2019). Adoption of improved cookstoves in the peri-urban areas of Nairobi: Case of Magina area, Kiambu County, Kenya. *Journal of Sustainability, Environment and Peace*, 1(1), 19-24.
- Ang'u, C., Muthama, N., Oludhe, C., & **Kong'ani, L.** (2019). Effects of civil conflicts on global oil prices and their impact on the energy sector. *Journal of Sustainability, Environment and Peace*, 1(1), 12-18.
- **Kong'ani, L. N. S.,** Mutune J. M. and Thenya, T. (2018). Analysis of climate change knowledge and its implications on livelihood options in Naituyupaki Location, Maasai Mau Forest, Narok County, Kenya. *Asian Journal of Forestry Vol. 2:62-66.*

Book Chapters:

- Nzioka John Muthama, Alice Odingo, Cohen Ang'u, John Samali Epa & Lilian Namuma Sarah Kong'ani (2021). Essentials of Green Energy. Kindle Edition.
- Kong'ani, L.N.S., and Thenya, T. Project Management Experience in Mau Ecosystem, in R. Wahome, Thenya, T, J. Emborg and V. Vindeløv, (eds.), 2018. Forest Resources Utilization, Livelihoods and Conflicts. Synthesis of five-year research under the "Stabilizing Kenya through solving forest related conflicts project," (STAKE) 2012-2016. *Lambert publishers*

Paper/poster presentations

- Kong'ani L. N.S., Wahome R. G. & Thenya, T. (2021). Conflicts Associated with the Installations of Geothermal Energy plants, Case of Olkaria IV Project, Kenya. ***Presented at a Seminar Organized by the Wangari Maathai Institute for Peace and Environmental Studies, University of Nairobi on October 7, 2021***
- Kong'ani L. N.S., Wahome R. G. & Thenya, T. (2021). Conflicts Associated with the

Installations of Geothermal Energy plants, Case of Olkaria IV Project, Kenya. **Manuscript presented at the virtual 15th JKUAT Scientific, Technological, Industrialization Conference held on March 25th-26th, 2021**

- Kong'ani, L., Ang'u, C., & Muthama, N. (2019). Adoption of improved cookstoves in the peri-urban areas of Nairobi: Case of Magina area, Kiambu County, Kenya. **Paper presented at the African Symposium on Higher Education on February 25th, 2021, hosted by the University of Nairobi in Collaboration with the African Development Bank and Education for Sustainable Development in Africa (ESDA).**
- Kong'ani, L., Kiama, S. and Mungai, D. (2015). Adoption and Use of Clean Energy Technologies for Sustainable Communities: the Case of Nairobi Urban Poor. **Poster presented at the 4th International Symposium on, "Developing a new evaluation scheme for sustainability science programs in Higher Education," organized by the University of Tokyo's Global Program in Sustainability Science – Global Leadership Program.**

EMPLOYMENT HISTORY

▪ JUNE 26, 2019 - PRESENT:

Tutorial Fellow, Department of Earth and Climate Sciences (formerly from the Wangari Maathai Institute for Peace and Environmental Studies), University of Nairobi.

Roles and responsibilities:

Teaching, research, planning and implementation of students' field experiential learning, student mentorship, curriculum review, community outreach and implementation of administrative, partnership and collaborative activities.

Achievements:

- Supported full development of professional skills of MSc Environmental Governance students in Environmental Governance Perspectives (WMI 601), Environmental Law and Peace Policies (WMI 603), Environmental Communication and Advocacy (WMI 607), and Principles of Environmental Conservation and Management (CGP) for the undergraduate students, through contributing towards course design, development of course materials and handouts, teaching, assessment and assessment reporting and feedback to students.
- Facilitated learning of MSc. Environmental Governance students (drawn from the University of Nairobi, University of Copenhagen and the University of Roskilde, Denmark) by conducting and supervision of the Experiential Field Training (WMI 605) in Kibugu, Embu County.
- Provided support in planning and implementation of the Wangari Maathai Institute for Peace and Environmental Studies Strategic Plan 2010-2020.
- Contributed towards fostering of partnership with the Government Ministries and Departments including education and environment, private sector including green enterprises, Civil Society Organizations/Non-governmental Organizations like Green Belt Movement, the Pan African Climate Justice Alliance, Environment Institute of Kenya and international institutions like the University of Copen and the local communities.
- Provided mentorship support to Masters Students nine (9) in research including proposal development, defense, data collection and presentation and article writing and publication.

- Provided service to the University and the community through presentation of pertinent community issues in a conference and symposium:
 - JKUAT Scientific, Technological, Industrialization Conference held on March 25th-26th, 2021
 - The African Symposium on Higher Education on February 25th, 2021, convened by the University of Nairobi in Collaboration with the African Development Bank and Education for Sustainable Development in Africa (ESDA).
- Fostered teamwork within the Institute through co-publication of a book, 2 articles and 2 conference presentations including:
 - Nzioka John Muthama, Alice Odingo, Cohen Ang'u, John Samali Epa & **Lilian Namuma Sarah Kong'ani** (2021). Essentials of Green Energy.
 - **Kong'ani, L.**, Ang'u, C., & Muthama, N. (2019). Adoption of improved cookstoves in the peri-urban areas of Nairobi: Case of Magina area, Kiambu County, Kenya. *Journal of Sustainability, Environment and Peace*, 1(1), 19-24.
 - Ang'u, C., Muthama, N., Oludhe, C., & **Kong'ani, L.** (2019). Effects of civil conflicts on global oil prices and their impact on the energy sector. *Journal of Sustainability, Environment and Peace*, 1(1), 12-18
 - Cohen Ang'u, Nzioka John Muthama and **Namuma S. L. Kong'ani** (2019). Towards Replacing Kerosene with Bioethanol in Developing Countries: A Review. <https://uonresearch.org/saw/article/towards-replacing-kerosene-with-bioethanol-in-developing-countries-a-review/>
- Provided technical expertise to the Institute/Department and University through the following roles and committees:
 - Internal Quality Auditor
 - Member, Performance Contract Technical Committee
 - Member, ISO University Technical Committee
 - Member, Publicity and Annual Reporting Committee
 - Member, Public Complaints Committee
 - Student Data Management Champion to facilitate tracking of students' studies
 - Programme Coordinator, Master of Science in Environmental Governance
 - Secretary, Committee of Examiners
 - Member, WMI-UoN@50 Achievers Ad hoc committee

▪ **MARCH 27, 2012 – JUNE 25, 2019:**

Administrative Assistant, Wangari Maathai Institute for Peace and Environmental Studies (WMI), University of Nairobi (UoN).

Roles and responsibilities:

Provide support in the implementation of Ministry of Education, Science and Technology (MoEST) project funded by the African Development Bank and the Government on establishment of WMI Campus. Provide support in the implementation of the administrative functions in teaching, research, experiential learning and community outreach activities. These included establishment of the Institute, curriculum development and review, planning and

management, ensure compliance to operational guidelines/policies, documentation and reporting, data management, student support, people/stakeholders' management, procurement and communication and marketing among others.

Achievements:

- Recognized by the University of Nairobi at UoN@50 Achievers for my contribution towards the establishment of the WMI, whose Campus construction was funded by the African Development Bank through the Ministry of Education, Science and Technology.
- Provided technical support in implementation, monitoring and evaluation and review of the University of Nairobi Strategic (2010-2015) and the Wangari Maathai Institute for Peace and Environmental Studies Strategic plan (2010-2020). This involved documentation, compilation and submission of monthly, quarterly and annual Institute and performance contract reports. The Institute was ranked 3/44 in the University in the year 2017/2018.
- Contributed towards fostering of partnership with the Government Ministries and Departments including education and environment, private sector including green enterprises, Civil Society Organizations/Non-governmental Organizations like Green Belt Movement, Pan African Alliance and Climate Justice, international institutions/organizations like the United Nations Environment Programme and the University of Copenhagen among others.
- Supported the development of the Ph.D. in Environmental Governance and Management and MSc in Environmental Governance Curricula.
- Led the communication and marketing related functions as the Website Champion documenting and updating the Institute website, developed the Institute brochures, posters and banners and promoted the visibility of the Institute programmes, development and environment issues through Exhibitions, Trade Fairs and other events leading to progressive growth of student numbers from four (4) in 2012 to one hundred fifty-nine (159) in 2019 with increase in revenue.
- Led academic transition administrative functions for the Institute including preparation of graduation lists, preparation of Special/Supplementary examination lists, preparation of consolidated mark sheets for the Institute Board of Examiners, preparing students provisional result slips/transcripts and issuing result slips and management of all records, resulting in the graduation of thirty (36) students (20 Masters and 16 Ph.D. students) by 2019.
- Provided onboarding/registration support to one hundred fifty-nine (159) postgraduate students including processing of applications for admission, facilitating registration of courses for all students, registration of new and continuing Module I and II undergraduate and Postgraduate students and addressing student and non-academic issues. Also supported onboarding/registration to students registered for short course in Integrated Environmental Impact Assessment and Audit at the Institute.
- Received special recognition for exemplary service provided to the College in the year 2017/2018 as the Administrative Assistant.
- Awarded best poster award (third place), during the 4th International Symposium organized by the University of Tokyo's Global Program in Sustainability Science – Global Leadership Program (GPSS-GLI) which was held on 19th-20th November, 2015 at the Kashiwa-no-ha Conference Centre in Tokyo, Japan which also contributed towards the Institute's visibility and the role of clean energy technologies in environmental conservation, climate change mitigation and improved livelihoods of the community.

- Supported planning and implementation of thirty (30) monthly experiential learning activities for the postgraduate students.
- Supported the planning and implementation of seven (7) annual experiential field training for the Masters students two hundred and ninety-five (295), in collaboration with the University of Copenhagen and University of Roskilde, Denmark.
- Participated in the planning and coordination of key Institute academic conferences including the 2016 Nairobi Earth System Governance Conference on, "Confronting Complexity and Inequality," that brought together more than one hundred and fifty (150) local and international participants.
- Participated in the planning and implementation of community outreach activities including tree planting and clean up exercises.
- Co-coordinated the implementation of the Launch and Grow Women's Entrepreneurs' one year mentorship programme for forty (40) women entrepreneurs in Kenya, including the preparation of the technical and financial reports for the donor. The programme was supported by the Women for Africa Foundation and implemented in collaboration with the UoN-WMI, Babson College and Banco Santander.
- Provided technical support in preparation of the Institute's annual budgets, procurement including preparing annual procurement plans for the Institute, procuring equipment and stationery required for Institute use, computation and processing of direct service providers (DSP) payments.
- Provided technical expertise to the Institute and University through the following committees (9) and roles (4):
 - Member, ISO University Technical Committee
 - Member, College Records Management Committee
 - Member, College Library Committee
 - Member, Solid Waste Management Committee
 - Secretary, College Debts Collection Committee
 - Member, Institute Complaints Handling Committee
 - Member, College Casuals Rationalization Committee
 - Member, Organizing Committee for the Commemorative Ground Breaking ceremony of the Wangari Maathai Institute Campus
 - Secretary, College Work Study Committee
 - Internal Quality Auditor
 - Institute Website Champion
 - Election Officer for Non-Teaching Staff member representative Trustees
 - Protocol Officer during University of Nairobi's Graduation ceremony
- Led documentation and data management for the Institute including: preparing Senate reports, Minutes of the WMI Boards, management and committee meetings.
- Provided support in asset management by ensuring the efficient and effective use of the Institute utilities/facilities and manning the student computer laboratories.
- Supported reporting, monitoring, evaluation and learning related functions and as an Internal Quality Auditor. Conducted monitoring of lectures and classes to ensure they commenced on schedule as per the timetables and monitored Institute votes at College and UNES, Bursar's Office and Grants office.
- Provided support in people management and other Human resource related functions including general supervision and allocation of duty to all non-teaching staff and processing leaves and off-duty requests by support staff.
- Participated in the mentorship of Interns (7) at the Institute between period 2016 and 2019.

▪ **MAY 1, 2012 TO DECEMBER 23, 2016:**

Coordinator, Stabilizing Kenya through Resolving Forest Related Conflicts (STAKE) project funded by DANIDA.

Roles and Responsibilities:

Ensure the smooth running and achievement of the goals, objectives and qualitative and quantitative targets of the project through coordination of all project activities, administrative tasks, team members and other external stakeholders and management of plans and finances.

Achievements:

- Effectively and efficiently coordinated the implementation of the STAKE project activities including students field activities, community trainings and the national conference among others.
- Fostered collaboration with stakeholders including the University of Copenhagen, Green Belt Movement, Kenya Forestry Research Institute and community through meetings and trainings.
- Led the monitoring and evaluation resulting in implementation of project activities as detailed in the workplan and achieving the desired qualitative and quantitative results.
- Contributed towards development of project communication products such as the STAKE Synthesis Book and led communication related functions such as Management of the project website.
- Led report writing for the community trainings, meetings, workshops and conferences for submission to the donors.
- Provided supported in financial management including development and monitoring of budgets and financial reporting.

▪ **FEBRUARY 3, 2013 TO OCTOBER 31, 2016:**

Project Assistant: wPOWER Hub Project funded by the U.S. Department of State.

Roles and Responsibilities:

Provide logistical support in implementation of the project through organization of project meetings, community trainings, minutes and report writing, procurement of office supplies and general services, editorial and production of communication materials, website management and records management.

Achievements:

- Provided technical support in organization and implementation of Seven (7) community trainings on Clean Energy Technologies and Sustainability for fifty (50) women participants per training in Nairobi, Kiambu, Nyeri, Murang'a, Homa Bay and Machakos Counties.
- Supported documentation of project activities including reports of the community trainings and maintained records of the same.
- Supported communication related activities including editorial and production of communication materials and visibility of the clean energy technologies and roles on environmental conservation and improved socio-economic aspects of communities through Exhibitions/Trade Fairs.
- Supported project administrative functions including procurement of goods and services.

▪ **MARCH 9, 2009 – DECEMBER 18, 2009**

Intern: United Nations High Commission for Refugees (UNHCR), Community Services Unit

Roles and Responsibilities:

Provide support in the implementation of community services activities including receiving and processing refugees/asylum seekers, participate in best interest determination processes for children, conduct home visits and needs assessments for asylum seekers/refugees and writing reports, participate in meetings and provide logistical support in coordination with partners in seeking support for refugees among others.

Achievements:

- Conducted individual interviews with children and adults and specifically with separated children for further processing.
- Conducted home visits and needs assessments for asylum seekers and prepared reports.
- Fostered conducive environment that supported learning through participation in Best Interest determination processes for children.
- Assessed and recommended refugees for financial and transport assistance.
- Received refugees at the reception desk and initiated appropriate assistance.
- Provided logistical support in the coordination of assistance and solutions for refugees with partner organizations like the GTZ (urban implementing partner).
- Participated in the Urban Refugee Protection Network meetings and provided logistical support in these meetings.

▪ **JANUARY 4, 2009 - MARCH 5, 2009**

Volunteer: Youth for Conservation

Roles and Responsibilities:

Provide support in coordination of members activities, manage communication with members and update members' databases.

Achievements:

- Provided supported in coordination of members' activities including clean-up campaigns and tree planning.
- Organized and updated the records for the members
- Handled and processed members' inquiries.

▪ **JULY 7, 2008 - SEPTEMBER 15, 2008**

Attaché: Youth for Conservation

Roles and Responsibilities:

Provide logistical support in developing community education programmes and provide support in coordination of members activities among others.

Achievements:

- Conducted literature review on environmental issues including solid waste management and climate change to support development of community education programmes.
- Reviewed EIA reports of Tana Sugar Project and Lake Natron Soda Ash Projects among others
- Visited schools in Langata to survey on solid waste management activities.

- Recorded and processed members inquiries.

REFEREES

Dr. Kariuki Muigua, Ph.D, FCI Arb
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University of Nairobi.
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Associate Professor,
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Ms. Tindi Sitati,
Collaboration Learning & Adaptation (CLA) Officer,
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