

Lilian Kwamboka Motaroki
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Profile summary

I am an experienced climate smart agriculture professional with expertise in climate change adaptation and resilience, research and dissemination of best practices as well as partnerships for science and policy support to promote sustainable agriculture and food security.

Key skills

- Strong analytical capacity with a bias for problem-solving;
- Result-oriented and professionalism in application of ethics, principles, standards and expertise;
- Honest and transparent in my dealings;
- A team player who is accomplished in coordination, organization and networking;
- Ability to work effectively in diverse and multicultural settings;
- Ability to communicate effectively with a wide range of partners from multiple disciplines and backgrounds;
- Proficiency in written and oral communication skills.

Professional experience

April 2019 to Present: Research Associate, Africa Group of Negotiators Experts Support (AGNES)

The AGNES is a continental think-tank that provides technical support to the African Group of Negotiators (AGN), which enables them to advance a common African position on climate change issues under the UNFCCC negotiations and other related multilateral environmental agreements.

I provide the following support to the team:

- Analysis and synthesis of technical and scientific evidence to inform policy decisions on climate change, agriculture and gender at national, regional and global levels
- Coordinate AGNES work on adaptation & resilience and gender, national adaptation planning processes (NAPs), Article 6 mechanisms and gender and climate change
- Coordination of Mapping of Adaptation Progress in the Agriculture sector (MAP Ag) project and prepare progress reports and other deliverables as required
- Coordinate AGNES Work on formulation of Long Term Strategies (LTS) and Nationally Determined Contribution (NDC) updating in Ghana, Kenya, Uganda and Zambia
- Participate in preparation of technical/working/discussion papers, policy briefs, briefing notes
- Prepare funding proposals and help with fundraising

Achievements:

- Generation of four policy briefs namely; (i) *Desertification and Climate Change in Africa*; (ii) *Land Degradation and Climate Change in Africa*; (iii) *Enhancing Food Security in a Changing Climate in Africa*; and (iv) *Closing the Gender Gap in African Agriculture in the Face of Climate Change* by unpacking the IPCC Special Report on Climate Change and Land (2019)
- Preparation of briefing notes for the Ministry of Agriculture, Livestock, Fisheries and Cooperatives to create awareness among high level policy makers in the Kenyan government
- Supported preparation of Africa-common policy position by the African Group of Negotiators (AGN) to the Subsidiary Bodies of the UNFCCC on topics 2e and f of the KJWA
- Provided technical support in preparation of technical papers affiliated to the different topics under the Koronivia Joint Work on Agriculture (KJWA) as well as African Group of Negotiators (AGN) submissions to the Subsidiary Body for Scientific and Technological Advise topics 2(e) – *Improved livestock management systems, including agropastoral production*

systems and others; topic 2(d) – Improved nutrient use and manure management towards sustainable and resilient agricultural systems; and topic 2(f) – Socioeconomic and Food Security Dimensions of Climate Change in the Agricultural Sector.

April 3 2017 to August 31 2017: Part-time employee, GeoEnvi Solutions International

GeoEnvi is a global firm that focuses on capacity building on environmental, agricultural technology, and innovations, climate modeling, socio-economic development and information communication technology (ICT).

I provided the following support programs to the Team:

- Prepared Biennial Update Reports (BURs) and National Inventory Reports (NIRs);
- Supported in designing and implementing climate change adaptation projects;
- Conducted literature searches and helped in conducting quantitative analytical processes of data;
- Assisted in development of climate change adaptation proposals.

Achievements:

- Technical support in preparation of the *Mitigation and adaptation chapter for Somalia's First National Communication*;
- Technical support in preparation of the Biennial Update Report for Uganda

August 1 2015 to March 31 2016: Research Assistant, Climate Change Impacts on Ecosystem Services and Food security in East Africa (CHIESA), International Centre for Insect Physiology & Ecology (icipe)

icipe uses insect science for sustainable development, to ensure food security and improve the overall health of communities in Africa. The CHIESA project was aimed at increasing knowledge on climate change impact on ecosystem services in the Eastern Afrotropical Biodiversity Hotspot (EABH). CHIESA was funded by Ministry for Foreign Affairs of Finland.

I provided the following support programs to the Team:

- Conducted vulnerability assessments for climate change impacts Organized and participated in field activities such as farmer workshops and trainings on climate change adaptation in Kenya and Tanzania;
- Dissemination of identified best practices for agriculture such as simple drip irrigation kits demonstration plots for conservation agriculture in Kenya and Tanzania;
- Requisitioned for funds, equipment and supplies necessary for the project;
- Assisted in orientation of new staff in the project by introducing them to farmers and locations of the project;
- Prepared articles such as policy briefs and posters, reports and presentations;
- Collected socio-economic data, analyzed the data and generated reports.

Achievements:

- Successfully trained farmers and created a database to ease management of farmers;
- Coordinated installation of simple drip irrigation kits in Kenya and Tanzania;
- Collated climate change reports that contributed to donor reports.

February 1 2013 to July 31 2015: Masters intern in CHIESA Project, International Centre for Insect Physiology & Ecology (icipe)

I provided the following support programs to the Team:

- Trained farmers on the operation of simple rain gauges for rainfall data collection;
- Participated in setting up demonstration plots for conservation agriculture.

Achievements:

- Successfully trained farmers and created a database and maps for farmer locations.
- Collated farmer challenges to assist in project monitoring and improvement.

Other experiences

April 1 2011 to August 31 2013: Attachee with the Thrips IPM Program, *icipe*

- Trained farmers on thrips collection, processing and mounting;
- Carried out a short-term study on biological control of thrips species using parasitoid *ceranisus menes*.

May 1 2010 to August 31 2010: Agricultural Radio Intern, Farmers' Voice Radio, Bungoma (Kenya), where I conducted interviews and household surveys to identify farmer problems in Bungoma and Webuye Districts.

Education

Masters in Climate Change and Adaptation, University of Nairobi, 2013-2015.

Bachelor of Science (Crop Protection and Improvement), Kenyatta University, 2008-2012.

Referees

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