

# Curriculum Vitae

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Sheila Namuwaya

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A graduate of Environment Management and Geo-Information science with work experience in, environmental impact assessment, project monitoring, research, and land use planning. I have strong interpersonal skills. My long-term goal is to become consultant in sustainable socio-economic activity that maximises environmental performance in resource-poor contexts such as Uganda.

## **Education:**

Feb 2017 - Nov. 2017 Masters of Advanced Studies in Integrated Crop Management (MAS-ICM), University of Neuchatel, Switzerland & CABI.

2004 - 2006: Master of Science in Earth Observation and Geo-information Science (Geographical Information Systems and Remote Sensing [GIS & RS]): Land Degradation and Conservation at ITC- University of Twente, The Netherlands.

**Thesis Title: "Predictive Modelling of Rainfall induced Landslides in a Tropical Environment: A Case of Wang Chin and Ang Khang Districts in Thailand."**

2002 - 2003: Post Graduate Diploma in Environmental Journalism and Communication, Makerere University. Second Class Upper (Hons)

**Thesis Title: Reporting of Environment Issues: A case of Bukedde Newspaper.**

1997 - 2001 Bachelor of Environment Management, Makerere University Second Class Upper (Hons)

**Dissertation Title: "Adoption of Soil Conservation Techniques: A case of Bunghoko, Mbale District."**

## **Trainings:**

September 2019 Climate change and Food Security Nexus, Wageningen Centre for Development and Innovation, Wageningen University, The Netherlands.

April 2016 Strategic Environmental Assessment (SEA) Training, NIRAS/SIDA and University of Groningen, Sweden.

September 2015 - Training on Open GIS and Street Mapping funded by Mount Baten

January 2014- Manuscript Writing (Research Training) at UCU.

August 2014 - Training in Grant Application for USAID funded projects, Arusha, Tanzania.

January 2013 - Training in Pedagogy at UCU.

2012 Training on Oil and Gas

## Publications:

1. Grace Nangendo, **Sheila Namuwaya** and Monica Timbuka (2019) The impact of oil palm on land cover and land use in Kalangala and Buvuma: trends and future predictions. <http://www.ecotrendsalliance.org/assets/files/Article-Nangendo-Namuwaya-Timbuka.pdf>
2. Kashub Steven Tumwesigye, Jorge C. Oliveira, **Sheila Namuwaya** and Maria Jose Sousa-Gallagher (2021) Cassava Biomaterial Innovations for Industry Applications, DOI:10.5772/intechopen.97493. <https://www.intechopen.com/online-first/cassava-biomaterial-innovations-for-industry-applications>

## Employment Record:

July 2019 - to date Head, Department of Agricultural and Biological Sciences

September 2015 - to date Coordinator the Masters' programmes in the Department of Agricultural and Biological Sciences

2013 - to date - Volunteer at African Partnership Coalition on Climate change in Mabira Forest.

September 2011- to date Full Time Lecturer  
Faculty of Science and Technology  
Uganda Christian University, Mukono.

## Some of the courses taught include:

- Land degradation and sustainability
- Sustainable agriculture
- Natural Resource Management
- Water Resource Management
- Climate Change and Adaptation
- Agricultural Information Systems
- Sanitation and Waste Management
- Introduction to Information Technology
- Introduction Environmental Science Fundamentals

January 2009 - August 2011 Part Time Lecturer  
Faculty of Science and Technology  
Uganda Christian University, Mukono.

## Some of the courses taught:

- Environmental Informatics- deals with modelling real life hazards, risks and management of environmental problems
- Challenges in environmental management. Importance of identifying a problem as related to being a better manager of the environment. Fields include environmental health, waste management, social issues, etc.
- Impact of Social Activities on Geographical area - how man is supposed to relate with his/her environment in today's world of advancing technology.
- Geographical Information Systems - using GPS, topographical maps to gather data about the environment and create simple maps of any given local area for better management of natural resources.

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January 2007 - December 2010 Part Time Lecturer

Environmental

Engineering

Department of Mechanical and Production Engineering

## **Courses taught and assignments include:**

- Environmental Law and Policy - this course requires that the students get to know the existing environmental laws both at national and local level and also to know the challenges different countries most especially developing countries like Uganda are facing in implementing them.
- Cleaner Production Technology -working in an environmentally safe and sound environment in terms of occupational health and safety.
- Environmental Chemistry - this course unit includes pollution, waste management, degradation-their causes, dangers and practical mitigation measures plus the National accepted standards as set and maintained by NEMA.
- Supervision of Industrial Training and Final year project reports. This required a student to identify the area of research for their final year project.

May 2007 - July 2008: Projects' Assistant

Environment Assessment Consult Limited (EACL), Kampala, Uganda

## **Assignments:**

- Community Mobilisation and sensitization for investment projects that have long term effect on the community e. oil exploration, road construction.
- Supervising Environment Impact Assessments (EIA) for Dominion Petroleum and monitoring Teams and participating in the EIAs as well.
- Preparing Terms of references and technical proposals
- Development of Project Briefs
- Supervision of various projects ensuring submission of Environmental Impact Statements.
- Preparation of project briefs and Audit reports to NEMA and operation reports to any client
- Make arrangements for stakeholder meetings and handle stakeholder consultations for EIA
- Conducted Environmental and Social Audits using Social and Environmental management plans for the project. E.g Aggrekko Power project, Mutundwe
- Conducted Stakeholder consultations for Road Projects in Uganda under RAFU
- Management of Grievances arising out of compensation exercises in Buliisa Lake Albert Region conducted by Tullow Oil Ltd.
- Any other duty assigned to me.

December 2006 -April 2007: Wildlife Conservation Society - (Non-Renewable Contract)

## **Assignments:**

- Production of an up-to-date Digital map of the Albertine Graben for the Albertine Conservation Programme.
- Preparation of Reports to the Client
- Any other duty assigned to me.

**May - August 2004: Manager, Alphanet Internet Café**

- Making Monthly reports on the operation of the Café.
- Supervising a team of 6(six) employees and maintaining team work.
- Ensuring the maintenance and proper upkeep of the computers and other accessories in the café
- Any other duty assigned to me

**August 2003 - April 2004: Assistant Programme Coordinator, Communication Skills Programme - Institute of Languages, Makerere University.**

**Assignments:**

- Part Time Tutorial assistant
- Report writing
- Moderate exams, programme reviews for the courses offered by the department.

**November 2000 - August 2002: Assistant Researcher - Minds Across Africa School Clubs project**

- under Rockefeller Foundation.

**Skills Gained:**

- Proposal writing
- Rapporteur for workshops and seminars held by the organisation
- Data Analysis and presentation
- Monitoring and Evaluation of Projects carried out by MAASC in Kampala District.
- Networking and Administration within the organization and amongst the various schools within which MAASC operated.

**Some Consultancies undertaken: Environment and Natural Resource Management**

October - November, 2019 - Land use mapping and Planning for Buvuma District.

2010: Baseline study for Red Cross Society in Katakwi District for the Water and Sanitation Project.

The project was carried out in Katakwi District in the areas that were affected by the floods. It required community mobilisation and sensitization for Watsan toilets and consultation after boreholes had been dug for the provision of water for the local communities.

2009: Member of the team that carried out a baseline study of the presence of the Trypanasoma in the districts surrounding Lake Victoria (e.g. Entebbe, Kampala, Luwero, Kalangala, Rakai, Sembabule, Masaka, Jinja).

Was involved in GIS training and actual data collection, mapping (acquiring coordinates) for the areas where samples were taken from in the various districts. The end product of this project was a report submitted to a consultancy firm for COCTU- Ministry of Agriculture, Animals Industries and Fisheries.

2008: Member of the Team that carried out EIA for the proposed 2D seismic survey in Bushenyi, Kanungu and Rukungiri Districts for Dominion Uganda Ltd.

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This involved carrying out the EIA and consulting the community on the fears, myths and questions about oil exploration in their area. An EIS was written and submitted to NEMA for approval.

2008: Participated in the updating of the Albertine Graben with Wildlife Conservation Society.

2007: Member of the Team that carried out the EIA for the proposed Oil exploration for Tullow Oil at Ngasa spit, Kaiso Tonya Hoima District.

2007: Member of the Team that carried out the EIA for the Development and Implementation of the Resettlement Action Plan for RAFU for the proposed upgrading of 300km of roads for the RDDP3 project.

This project required an EIA, consultation with the community about their grievances concerning the resettlement, compensation and any other issues that were rising out of the fear of the unknown with respect to the project. The entire project required a review of the prevailing government position/stand on resettlement of displaced people.

2007: Member of the team that carried out EIA for the proposed phosphate mining in Osukulu for Nile Phosphates.

This project involved EIA, stakeholder and management of grievances concerning the proposed Phosphate mining project, resettlement and the potential for jobs for the local people.

## **Memberships:**

Association of University Women in Uganda

APCCC - African Partnership Coalition on Climate change

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## Referees:

1. Dr. Paul .I Mukwaya  
Senior Lecturer  
Department of Geography, Geo-informatics and Climatic Sciences  
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[pmukwaya@aol.com](mailto:pmukwaya@aol.com)  
Coordinator: Urban Action Lab  
<http://ual.mak.ac.ug/>
2. Mr. Edward Paul Munaaba  
Executive Director  
African Partnership Coalition on Climate Change  
Tel.: 0758 650 197
3. Dr. Grace  
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