

Curriculum Vitae of Mr. Albert Kenyani Inima

CURRICULUM VITAE

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Name and Address

Mr. Albert Kenyani Inima
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	<p>Nairobi Kenya.</p> <p>Main email address: albertkenyani@gmail.com Email address 2: albert.inima@uonbi.ac.ke</p> <p>Main cellphone number: 254-0734-630-085</p> <p>Best calling time: 8.00 am to 5.00 pm (GMT +3)</p>
Position sought	I seek to work in a senior position on research, consultancy, training or development projects in the area of environmental engineering and project management in Kenya and other English speaking countries in Africa.
Profession	I am an agricultural-cum-water engineer currently working as a lecturer in the Department of Environmental and Bio-Systems Engineering at the University of Nairobi, Kenya.
Date of birth	21 June 1959
Nationality and languages spoken	I am a Kenyan by birth. I speak and write English, Swahili and a local dialect called Maragoli, all languages excellently.
Years of working at the University of Nairobi	23 years (1987 to date)
Professional memberships	I am a member of the Kenya Society of Agricultural Engineers, and the Kenya Meteorological Society
Tasks performed at University of Nairobi	<p>I am a lecturer and student research supervisor at undergraduate as well as post-graduate levels. I train students in environmental engineering as well as project management. The subjects I currently teach include:</p> <p>(a) Design of waste management systems. This is a fifth year course that covers:</p> <ul style="list-style-type: none"> -Air pollution control engineering (Climate change engineering, industrial air pollution control, and environmental noise control) -Solid waste engineering (Landfill engineering, Incineration engineering, compost engineering, and integrated municipal solid management) -Water treatment and waste water engineering (Design of municipal water works, design of waste stabilization ponds, design of water and waste water networks) <p>(b) Water resource development. This a postgraduate course covering the following:</p> <ul style="list-style-type: none"> -estimation of water resource quantities and distribution -design of water conservation systems such as dams

	<p>and artificial recharge systems -hydro-power engineering (c) Groundwater hydrology This is a postgraduate course that covers the following: -groundwater prospecting methods including preparation of geophysical reports. -groundwater well mechanics including groundwater well testing and preparation of groundwater well reports. -groundwater well drilling methods (e) Water project planning This is a postgraduate course covering the following: -Project identification -Project feasibility study -Project planning using Microsoft Project Professional -Project Monitoring and Evaluation using Earned Value Management (f) Geographical Information Systems (GIS) Project Management This is a postgraduate course covering the following: -Professional project management frameworks such as Project Management Body of Knowledge (PMBOK), the Logical Framework, Projects in Controlled Environments (PRINCE2), Six Sigma project management, and Systems Development Life Cycle -GIS applications</p>
Education	<p>(a) MSc in Water Resource Engineering (University of Dar Es Salaam, Tanzania, 1991); (b) BSc (First class honours) in Agricultural Engineering (University of Nairobi, Kenya,1984); (c) Short training courses in remote sensing and GPS, Stockholm, Sweden,1996.</p>
Key skills possessed	<p>(a) Advanced knowledge in the design of environmental engineering systems such as water treatment and water supply systems; waste water treatment systems;irrigation systems; water dams and water conservation structures. (b) Thorough knowledge in engineering and construction project management including project feasibility studies, detailed engineering designs, project supervision and project contract management. (c) Advanced knowledge in the use of environmental modelling and project management software such as EPANET (a Watercad used in the design and evaluation of water supply networks), and Ms Project Professional. (d) Thorough knowledge in planning and feasibility study of projects including use of major project planning</p>

	<p>tools such as the log-frame, the Balanced Score Card, engineering economics and Quality Function Deployment.</p> <p>(e) Top notch project documentation skills including writing of project proposals, project charters, feasibility reports and project evaluation reports.</p>
<p>Employment record</p>	<p>a) Lecturer at University of Nairobi, Kenya (1987 to date)</p> <ul style="list-style-type: none"> - Taught undergraduate course on water treatment engineering, design of waste management structures, design of water supply systems - Taught post-graduate courses on engineering project management, groundwater engineering and waste management <p>b) Irrigation engineer with Ministry of Agriculture, Kenya (1984 to 1985)</p> <ul style="list-style-type: none"> - worked in the small irrigation design office - supervised the construction of small irrigation schemes - managed small irrigation schemes
<p>Selected consultancies</p>	<p>a) Trainer of construction project management (University of Nairobi Enterprise Services (UNES), Kenya, 2010)</p> <p>This was a 5 day course attended by senior project managers from Kenya as well as other countries. The course covered the following:</p> <ul style="list-style-type: none"> - The construction project cycle. - The construction planning process - The construction design process - The construction phase - The handover process <p>The course included practical exercises on Earned Value Management as well as Ms Project Professional.</p> <p>b) Principal Investigator, Evaluation of the performance of small water retention structures (Ministry of Agriculture, Kenya, 2007 to 2010)</p> <p>This project involved the evaluation of the design suitability of 4 main water retention structures constructed by the Ministry of Agriculture in Kitui District. The structures covered were:</p> <ul style="list-style-type: none"> - Sand dams - Hillside dams - Charco dams - Berkad tanks <p>The findings have since been published in an e-book.</p> <p>c) Principal Investigator, Preparation of the citizen report card on water supply and solid waste</p>

management in the City of Nairobi, 2006 (Done by Kenya Alliance of Resident Associations with funding from Water and Sanitation Programme of the World Bank).

This project involved the sampling of 1500 households in the city of Nairobi to determine customer satisfaction with regard to water quality, complaint management, and water quantity. The findings have since been published in a book.

d) Principal Investigator, Inventory of the production of Green House Gases from the agricultural sector of Kenya, 2005 (Ministry of Environment, Kenya, with funding from the United Nations Development Programme)

The results of this study were reported to the United Nations Panel on Climate Change as the first official report from Kenya. The results are published in a book.

e) Principal Investigator, Evaluation of the impact of climate change on the water resources of Kenya,1996 (Ministry of Research, Kenya, with funding from the United States of America Country Study programme)

The results were reported to New Partnership for Africa's Development (NEPAD).

References will be provided upon request.

Certification:

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

Signature

Mr. Albert Kenyani Inima