

CURRICULUM VITAE

BIODATA:

Surname: **MUKIIBI SSEWANNYAGA** First names: **IVAN**
Sex: Male
Date of birth: 02/06/1987
Status: Married
District of birth: Wakiso
Nationality: Ugandan

CONTACTS:

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EDUCATIONAL BACKGROUND:

PERIOD	TRAINING INSTITUTION	AWARD
2019-2023	China University of Petroleum (East China)	PhD in Geological Resource and Geological Engineering
2013-2016	Makerere University, College of Natural Sciences, Geology and Petroleum Studies,	MSc in Petroleum Geosciences by coursework & Research
2008 - 2011	Makerere University, College of Natural Sciences, Geology and Petroleum Studies	BSc. (Geo, Chem & Maths)
2006 - 2007	St. Joseph Kisubi	UACE
2002 - 2005	Bishop Nankyama Memorial College	UCE

PERSONAL PROFILE:

Self-motivated, hardworking, confident, responsible, reliable, and a skilled mineral scientist with practical skills and competency. I am ready to acquire and share knowledge and to work under minimum supervision in any part of the world.

CAREER OBJECTIVES:

To make very good scientific decisions during work as deemed suitable to my skills, experience, and knowledge, to help a successful organization or company expand further and to help myself grow further professionally, technically, and financially, and to become an effective team player in a progressive organization and my country.

PREVIOUS EMPLOYMENT:

YEAR	ORGANISATION	POSITION
2024 to date	<p>Makerere University Lecturer at College of Natural Science, Department of Geology and Petroleum Studies</p> <p><i>Key Responsibilities held:</i></p> <ul style="list-style-type: none"> ▪ Lecturing ▪ Research ▪ Fieldwork ▪ Examination setting, supervision and marking ▪ Attending workshops 	Lecturer
2017 to 2024	<p>Makerere University Assistant Lecturer (contract) at College of Natural Science, Department of Geology and Petroleum Studies</p> <p><i>Key Responsibilities held:</i></p> <ul style="list-style-type: none"> ▪ Lecturing ▪ Fieldwork ▪ Industrial field placements and supervisions ▪ Examination setting, supervision and marking ▪ Attending workshops 	Assistant Lecturer
2015 to date	<p>Busitema University, Part time lecturer Department of Mining, modules taught include Basic Geology, ore minerals and microscopy, mineral processing among others and Makerere University as teaching assistant and consultancy work.</p>	Teaching assistant (Lecturer)
	<ul style="list-style-type: none"> ▪ Mapping and estimation of granitic reserve in Mukono (Nakosi) ▪ Minrom Exploration for graphite ▪ Groundwater siting and supervision drilling 	Consultant Geotechnical/ Geologist
2013 to 2014	<p>GPS Mining, Naguru, Katari rise, P.O. Box 24110 Naguru, Kampala, Uganda. Field location: South Western Uganda (Kisizi, Ibanda, Kanungu and Kasese)</p> <p><i>Key Responsibilities held:</i></p> <ul style="list-style-type: none"> ▪ Management of the field geologist team in the field ▪ Carrying of geochemical soil and rock ship sampling ▪ Carrying out geological mapping ▪ Drilling supervision and core logging ▪ Organization of the surface geochemical database 	Geologist/Geotechnician

	<ul style="list-style-type: none"> ▪ Sample preparation and packaging for shipment ▪ Training casual workers in the basics of field geology 	
2012-2013	Aquatech (U) limited, Luzira <i>Key Responsibilities held:</i> <ul style="list-style-type: none"> ▪ Borehole siting ▪ Borehole drilling supervision and pump testing 	Contract Geologist

KEY SKILLS:

- **Communication** – Fluent in written and spoken English, Luganda and Mandarin Chinese
- **Computer skills** – Knowledge of operating systems (MS Vista, MS XP, and MS Windows 7) and Word processing, Ms Excel, MS power point, Arc Gis, WinSev Petrel and Petromod software
- **Team Player** - Enjoys sharing knowledge and working as a team with great respect for other team members

RESPONSIBILITY HELD:

- 2010 Treasurer, Makerere University Geology Association (MUGA)
- Ugandan University of Petroleum Qingdao Student ambassador 2020-up-to-date

PUBLICATIONS

- Ivan, M.S., Huang, J., Mu, X., & Yang, J., 2022. Enhancement of Seismic Image Quality by Least Squares Reverse Time Migration Case Study Albertine Graben South Western Uganda[J]. JSE. ISSN: 0963-0651, 31, 523-544 (2022).
- Ivan, M.S., Huang, J., Wang, Z., et.al., 2023. 3D Time Domain Full Waveform Inversion Based on Multiscale Adapted Variable Grid Method Case Study Majunga Basin East African
- Xinru Mu, Jianping Huang, Jidong Yang, Zhenchun Li and Mukiibi Ssewanyaga Ivan (2021). Viscoelastic wave propagation simulation using the new spatial variable-order fractional laplacians: Bulletin of the seismological Society of America (2021). <https://doi.org/10.1785/0120210099>

PRESENTATION AND SEMINARS

Imperial Barrel Award competition in Nigeria representing Makerere University in Africa integrated petroleum development and basin analysis.

Capacity Building and Sustainable Environment Management (CAPSEM) presentations at Mbarara University and Lisbon Portugal about sustainability in mineral processing.

Research about reservoir compartmentalization using integrated seismic attributes and Petrophysical data Turaco prospect- EAGE Serena Kampala

REFEREES

Prof. Jiaping Huang

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Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if hired.

Mukiibi Ssewanyaga Ivan (PhD)

08/04/2025

