

Lauben Twinomujuni

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CURRICULUM VITAE

PERSONAL INFORMATION

Full Name: Lauben Twinomujuni

Date of Birth: 12th Aug 1982

Place of Birth: Kanungu, Uganda

Nationality: Ugandan

Country of residence: Uganda

POST PRIMARY ACADEMIC BACKGROUND

2007-2009: MSc. (Geology: Sedimentology and Stratigraphy), Makerere University

2003-2006: BSc (Geology, Chemistry and Mathematics), First Class Honours, Makerere University.

2000-2002: Uganda Advanced Certificate of Education, Makobore High School.

1997-2000: Uganda Certificate of Education, Kambuga Secondary School.

POST GRADUATE CLASS ROOM TRAINING

February, 2014: Sedimentology and Stratigraphy, University of Bergen, Norway

18th – 22nd May 2013: Advanced Isotope Hydrology: Organized by International Atomic Energy Agency, Ministry of Energy and Environment and Makerere University

1st to 5th October, 2012: Oil Field Development (Reservoir Geology and Drilling Technologies), Total Professeurs Associes (TPA) at Makerere University.

January-March, 2011: Drilling Operations; HSE Rig Pass Orientation, Competency Assessor Course, Business Management, Essentials of Enterprise Performance, Rig Asset Management, Dubai-AbuDhabi, United Arab Emirates.

December, 2010: Basic Isotope Hydrology: International Atomic Energy Agency, Ministry of Energy and Environment, and Makerere University.

May, 2010: GeoCLASS: University of Bergen, Norway and Makerere University, Kampala.

January-February, 2010: Remote Sensing and Geographic Information Systems for Geological Mapping and Exploration: ITC, University of Twente, Netherlands.

November, 2009: Short Course IV on Exploration for Geothermal Resources: Organized by UNU-GTP, KenGen, GDC-Kenya.

September-October, 2009: Mineral Resources Assessment: Department of Geological Survey and Mines and ITC-Netherlands.

September, 2009: Database Management for Geological Mapping: Department of Geological Survey and Mines and ITC-Netherlands.

August, 2009: Processing and Interpretation of Airborne Geophysical Data and Satellite Imagery Data: Swedish Geological.

WORK EXPERIENCE

2012: Assistant Lecturer, Department of Geology and Petroleum Studies, Makerere University. P.O Box 7062 Kampala-Uganda.

2008-2010: Geochemist, Department of Geological Survey and Mines, Entebbe.

2007: Exploration Geologist, Esta Industries Uganda Limited.

Consultancy work

2019: Consultant Geologist (Borehole logging for limestone/marble evaluation) for Sunbelt Mining group.

Nature of Work

- Borehole siting and drilling supervision
- Core logging for marble/limestone evaluation

2018: Consultant Geologist (Addressing Soils and Geology issues) under Atacama Consulting for Environmental Impact Assessment Studies for Simba mini oil refinery Project

Nature of Work

- Participation in the Environmental and Social Impact Assessment (ESIA) fieldwork addressing geology and soil issues according to Simba mini oil refinery Project terms of reference.
- Participation in the production of draft and ESIS reports.
- Provision of deliverables (Geology and soils Specialist Reports) in line with the project timelines.

2017: Consultant Geologist (under Mark Illukol & Associates) for Karamoja Development Forum/Karamoja Mining Interest Group, Kitopoloi House, Plot 1/2 Achia Road, Moroto.

Nature of work

- In depth analysis of the mining sector through:
 - Reviewing legal and policy frameworks pertaining to mining and related fields (land tenure, labor laws, etc.) as well as relevant reports and publications of different actors (NGOs, government, academia, etc).
 - Facilitating a preparatory meeting with the IG to develop a comprehensive methodological approach and the data collection instruments
 - Training selected IG members in the application of data collection instruments
 - Leading in data collection and ensuring data security
 - Performing data analysis
 - Writing the study report and recommending next steps/future interventions for the IG and other Stakeholders
 - Presenting the draft report to the IG members and incorporating their feedback in the final Report

2014-2015: Consulting Geologist: Nkusi Lower Hydroelectric Power Plant Project, PA Technical Services, Plot 9, Senfuka Road, P.O. Box 10585, Kampala, Uganda

Nature of Work

- Geological site characterization: Rock and structural mapping at site to guide the damming and channeling of river Nkusi waters in regard to the competence of rocks.

2014: Consulting Geologist (Addressing Soils and Geology issues) under Atacama Consulting for Environmental Impact Assessment Studies for Tororo Solar Project

Nature of Work

- Participation in the Environmental and Social Impact Assessment (ESIA) fieldwork addressing geology and soil issues according to Tororo Solar Project terms of reference.
- Participation in the production of draft and ESIS reports.
- Provision of deliverables (Geology and soils Specialist Reports) in line with the project timelines.

2013: Consulting Geologist for mineral water services ltd to undertake geochemical and geological surveys in Karamoja, Uganda for mineral resources evaluation.

Nature of work

- Geological and geochemical sampling to identify mineralized zones.

2013: Consulting Geologist (Addressing Soils and Geology issues) under Atacama Consulting for Environmental Impact Assessment Studies for Lake Albert Infrastructure Project

Nature of Work

- Participation in the Environmental and Social Impact Assessment (ESIA) fieldwork addressing geology and soil issues according to Lake Albert Infrastructure Project terms of reference.
- Participation in the production of draft and ESIS reports.
- Provision of deliverables (Geology and soils Specialist Reports) in line with the project timelines.

2012: Consulting Geologist (Addressing Soils and Geology issues) under Atacama Consulting for Environmental Impact Assessment Studies for the South and North Nile Projects for Total E and P Uganda.

Nature of Work

- Participation in the Environmental and Social Impact Assessment (ESIA) fieldwork addressing petroleum geology issues according to Total E&P terms of reference for each project.
- Participation in the production of draft and ESIS reports.
- Provision of deliverables (Petroleum Geology Specialist Reports) in line with the project timelines for each specific project.

2011: Junior Engineer, Competency Assessor and Instructor/Trainer:

Weatherford Drilling International on drilling rig #721.

Nature of work:

- Monitoring well drilling operations
- Assisting drilling superintendent in his daily needs
- Rig inventory and track of repairs and inspections through RAMS
- Travelling to the rig to conduct onsite training to Weatherford junior personnel
- Competency administration (Weatherford Competency Assurance Coordinator)
- Administration of Key Performance Indicators (KPIs) and Business Management System (BMS)
- Working with rig personnel over safety issues

2009-2010: Operations Assistant: Ngaji-1 drilling project, Dominion Petroleum P.O Box 40311 Kampala-Uganda.

Nature of Work: - Handling all field finances (Accountability)

- Coordinating pre-drilling and Drilling Logistics under the direction of Company Logistics Manager, Drilling supervisor and Drilling Manager
- Supervision and monitoring of fuel use
- Maintenance of asset log for material transfer to and fro the rig and camp site
- Liaising with HSSE manager over camp and rig safety issues
- Assisting Well Site Geologist in his daily needs

RESEARCH AND PUBLICATIONS

2015: Geology and stratigraphy of the southeastern Lake Edward basin (Petroleum Exploration Area 4B), Albertine Rift Valley, Uganda. Journal of maps.

2011: Facies analysis and sequence stratigraphy of southeast Lake Edward Basin, SW Uganda. MSc. Thesis.

2010: Petroleum Geology of the Lakes Edward – George Basin, Albertine Graben, Uganda, Dominion Petroleum Ltd.

RESEARCH INTERESTS

- Palaeoclimate, palaeoenvironment and tectonic history reconstruction of sedimentary basins through paleopalynology, sedimentology and stratigraphy.
- The Cambrian stratigraphy of Uganda
- Time analysis approach to quantification of the missing time in sedimentary sequences.
- Basin and petroleum systems modeling

FIELD TRAINING

2012: Petroleum Field Methods, Utah, United States of America.

2008: Sedimentology, Stratigraphy and Petroleum Geology of Southeast Lake Edward Basin, Albertine Graben: Organized by Petroleum Exploration and Production Department and Dominion (U) Ltd.

2007: Peat Inventory Field Survey, A component of the Uganda Alternative Energy Resources Assessment and Utilization Study.

WORKSHOPS AND PRESENTATIONS

September, 2011: East African Power Convention 2011 (EAPC' 11), The Geothermal Summit, Serena Hotel Kampala-Uganda.

August, 2009: Spatial Data Infrastructure for Uganda: Airport View Hotel, Entebbe.

March, 2008: Sedimentology, Stratigraphy and Petroleum Geology of Southeast Lake Edward Basin, PEPD.

December, 2006: The role of Research and Technology in the attainment of the Millennium Development Goals: The Uganda Society-Uganda Museum.

December, 2005: Water, Wetlands and Biodiversity: The Uganda Society-Uganda Museum.

MEMBERSHIP

Society of Petroleum Engineers (SPE)

Geological Society of Uganda (GSU)

Makerere University Geology Association (MUGA)

ADDITIONAL KNOWLEDGE

Offshore Petroleum Industry Training Organisation (OPITO): Qualified Competency Assessor (competence assessment and competence administration).

Spatial Data Softwares: Geosoft, ArcGIS, Ilwis, Erdas Imagine.

Rig pass and Rig Asset Management

Essentials of business management

REFEREES

Associate Prof. Barifaijo Erasmus.

Sr. Lecturer, Department of Geology and Petroleum Studies

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