Victor Oligbo, BSc. (Geological Sciences), MSc. (GIS and Climate Change)

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PROFILE

➔ Versatile, ambituous and results-oriented post graduate with four years experience in collecting and analyzing rock, sediment and water samples.
➔ Ability to carry out detailed technical analysis and risk assessment of hazardous earth geologic materials.
➔ Eligible to obtain an Association of Professional Engineers and Geologist of Manitoba (APEGM) certification.

SKILL AREAS

Geologic Mapping	Core Logging	Seismic Reflection Interpretation
X-Ray Fluorescence Spectrometer	Sediment and Mineral Interpretation	Surface and Ground Water Assessment
GIS and Remote Sensing	Environmental Risk Assessment	Cartography and Map Projections

COMPUTER PROFICIENCIES

➔ Geographic Information Systems: ArcGIS and QGIS
➔ Statistical Programming Software: RGui and RStudio
➔ Mapping and Forecasting Software: GeoScout
➔ Microsoft Office Suite: Word, Excel, PowerPoint and Outlook

EXPERIENCE

MSC DISSERTATION: HEAVY METAL CONCENTRATIONS IN THE TAWE RIVER, SWANSEA, UK.
SWANSEA UNIVERSITY/NATURAL RESOURCES WALES   January 2018 – September 2018

➔ Methodically collected bed sediment samples from the river located in a rehabilitated, post-industrial area of South Wales, UK.
➔ Conducted test to determine if metal concentration in the bed sediment increased during a dry period and decreased after a storm event, and to determine if the metal concentration has decreased since 2005.
➔ Used XRF Spectrometry to determine the amount of heavy metals (copper, lead, zinc, nickel and cadmium) in the sediments.
➔ Sediments were also transferred to the particle counter to determine the size of the grains.
➔ Compared my results to the local precipitation and conducted a statistic test to determine the significance of the result.
➔ Prepared scientific report for review to supervisors for possible publication.

REMOTE SENSING AND GIS PROJECT OF THE GREAT BARRIER REEF AREA, AUSTRALIA.
SWANSEA UNIVERSITY   February 2018 – April 2018

➔ Used ENVI software to determine differences in short-term and long-term terrain changes and prepared a scientific report
➔ Identified moisture content of sediments from an image by using the near infrared part of the electromagnetic spectrum

- ➔ Produced false color composite maps to differentiate land covers.
- ➔ Produced raster calculations of raster files using QGIS and ArcGIS to create a new map showing stressed and bleached corals in the area.

ENVIRONMENTAL RISK ASSESSMENT PROJECT IN LANDORE, UK.
SWANSEA UNIVERSITY/TESCO   February 2018 – March 2018

- ➔ Visited the potential construction site and carried out an Environmental Risk Assessment.
- ➔ Researched the area to see if the soil was contaminated in the past.
- ➔ Identified hydrological and environmental issues of concern and how they can be mitigated.
- ➔ Produced an Initial Environmental Examination (IEE) report.

HYDROLOGICAL ASSESSMENT PROJECT OF THE STACKPOLE ESTATE, UK.
SWANSEA UNIVERSITY/NATURAL RESOURCES WALES   October 2017 – December 2017

- ➔ Visited the site of concern (Potential source of pollution) and produced geological maps.
- ➔ Carried out laboratory testing of soil and water samples using X-Ray Fluorescence Spectometry.
- ➔ Analyzed statistical data on soil and water quality samples.
- ➔ Measured conductivity and pH of the stream from the site.

BSC THESIS PROJECT: GEOLOGIC MAPPING OF THE NORTHERN PART OF THE LAKE OF THE WOOD GREENSTONE BELT, ONTARIO, CANADA.
UNIVERSITY OF MANITOBA   May 2015 – January 2016

- ➔ Examined vertical and lateral relationship of sedimentary deposits in Shoal Lake area, Ontario.
- ➔ Created cross sections and geological maps of sedimentary deposits in Shoal Lake area and Gundy Lake area, Ontario.
- ➔ Analyzed geological samples using methodologies such as optical microscope and scanning electron microscope.

GEOLOGIC MAPPING OF STAR LAKE AREA, MANITOBA, CANADA.
UNIVERSITY OF MANITOBA   May 2014 – August 2014

- ➔ Produced geological maps and cross sections of Star Lake area, Manitoba
- ➔ Interpreted Seismic reflection data from Star Lake area, Manitoba.
- ➔ Interpreted and correlated geologic well logs
- ➔ Created computerized illustrations for presentations.

CALL CENTRE REPRESENTATIVE
24-7 INTOUCH - AIRBNB, WINNIPEG.   October 2016 – September 2017

- ➔ Answered calls and emails from customers.
- ➔ Placed orders for customers looking to book rooms and experiences.
- ➔ Helped settle dispute between the host and the customers.
- ➔ Resolved bug issues on the phone app for customers having the problem.

CERTIFICATIONS

FIRST AID/ CPR   2015
Canadian Red Cross

EDUCATION

MASTER OF SCIENCE (M.SC.) - GEOGRAPHIC INFORMATION AND CLIMATE CHANGE   2018

Swansea University, Swansea, United Kingdom

BACHELOR OF SCIENCE (B.SC.) - GEOLOGICAL SCIENCES (GEOLOGY)   2016

University of Manitoba, Winnipeg, Canada.

I am from the visible minority group