



DR KAUKURAUUE KANGUEEHI

ENVIRONMENTAL BIOGEOCHEMIST

BIO

Highly skilled Environmental Biogeochemist and Geologist with a strong academic background and hands-on experience in environmental impact assessments, marine geochemistry, exploration geology and geological mapping. Passionate about sustainable mining practices and environmental preservation.

EXPERIENCE

FOUNDER & DIRECTOR

Augite Environmental Consultants cc

01 December 2022 - Present

- Environmental Management Reports
- Environmental Impact Assessment Reports
- Public Consultation & Public Meetings
- Evaluation and Monitoring
- Over 30 (30) EIA's completed to date
- Environmental Research
- Stakeholder Engagement
- Ensuring Environmental Compliance

SENIOR RESEARCHER & EXPLORATION GEOLOGIST

Lexrox Exploration & Mining (Pty) Ltd

01 October 2021 - Present

- Exploration geological activities
- Hydrogeology
- Drilling supervision & management
- Geological mapping
- Geochemical sampling
- Environmental impacts assessments monitoring
- Quarterly report writing for EPL renewals

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 Windhoek, Namibia

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EDUCATION

POSTGRADUATE DIPLOMA IN DATA SCIENCE

Woolf University | Ireland

2025

DOCTOR OF PHILOSOPHY (PHD) | EARTH SCIENCES

University of Stellenbosch

2018 - 2021

MASTER OF SCIENCE | EARTH SCIENCES

University of Stellenbosch

2016 - 2017

BACHELOR OF SCIENCE (Honors)

University of Stellenbosch

2015

BACHELOR OF SCIENCE

University of Namibia

2010

- EIA & EMP reports
- Identifying new geological targets
- Geotechnical & structural core logging
- Financial & budget planning
- Market monitoring & evaluation
- Report writing & research
- Data analysis, interpretation & presentations

STUDENT DEMONSTRATOR/TUTOR

University of Stellenbosch

01 February 2015 - 15 December 2020

Taught 2nd & 3rd year students the following subjects whilst pursuing my Masters & PhD on a full-time basis:

- Geo-Environmental Science
- Introduction to Environmental Geochemistry
- Economic Geology
- Field skills & Engineering Geology

EXPLORATION GEOLOGIST

Sabre Resources Namibia

01 March 2010 - 31 October 2014

- Exploration geological activities
- Hydrogeology
- Drilling supervision
- Geological mapping
- Geochemical sampling
- Environmental impacts assessments monitoring
- Quarterly report writing for EPL renewals
- Geotechnical and structural core logging

Reason for leaving: To pursue Postgraduate studies on a full-time basis.

SKILLS

- Scientific report writing
- Data analysis & interpretation
- Proficient in MS Office Package

SOFTWARE

- GIS
- BenMap
- R & Python Programming
- Hysplit Modeling Software
- Micromme & GeoSoft 3D Modelling

LANGUAGES

- English
- Otjiherero
- Afrikaans

PEER - REVIEWED PUBLICATIONS

Vos, H. C., **Kangueehi, K. I.**, Toesie, R., Ravenscroft, G., & Fietz, S. (2025). Variation and health risks of the potentially toxic metals in dust around an industrial hub. **Clean Air Journal**, **35**(2).

<https://doi.org/10.17159/caj/2025/35/2.22227>.

Vos, H. C., **Kangueehi, K. I.**, Toesie, R., Eckardt, F. D., Ravenscroft, G., & Fietz, S. (2024). Spatial variability of dust concentration and deposition around an industrial port in South Africa emphasises the complexity of sources and transport. **Air Quality, Atmosphere & Health**, **17**, 2445–2459.

<https://doi.org/10.1007/s11869-024-01581-8>

REFERENCES

Professor Susanne Fietz

Professor | University of Stellenbosch

Masters & PhD Supervisor

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Professor Frank Eckardt

Professor | University of Cape Town

Masters & PhD Co-Supervisor

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