

ANDILE SINDISO DUBE

Blijde Inkomststraat No. 140, 3000, Leuven, Belgium
+32494373221
dubeandile94@gmail.com
linkedin.com/in/andile-sindiso-dube

Summary

Determined environmental scientist with experience in research, environmental management and sustainability. I am a hard-worker and fast learner, eager to participate in research that promotes environmental protection and sustainable development. I am diligent and open to new challenges that will contribute to my development in academic research.

Skills

- Microsoft Office
 - GIS (ArcGIS, QGIS)
 - Remote Sensing
 - R Studio & Python
 - Team work
 - Data collection & management
 - Communication Skills
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Languages

- English (Proficient)
 - French (Basic)
 - Ndebele and Shona (native)
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Research/Work Experience

04/2022 - 06/2022

KU Leuven (Leuven, Belgium)

Research intern - Department of Earth and Environmental Sciences

Project title: Spatial analysis of rural-urban migration, land use changes and livelihoods transformation: A case study of Ankole sub-region in Uganda (2000 - 2020)

- Data collection from Google earth satellite imagery
- Identification of landcover changes over time on terrestrial and freshwater ecosystems

07/2021 - 08/2021

KU Leuven (Leuven, Belgium)

Research intern - UNESCO "BE Resilient" (Regional Office for Southern Africa)

Project title: Chimanimani and Chipinge districts' landslide susceptibility assessment (Zimbabwe)

06/2018 - 10/2020

United Refineries Limited (Pvt) Ltd. (Zimbabwe)

Safety, Health, Environment & Quality Assistant Officer

- Conducted environmental impact assessments, water & energy-use monitoring to promote sustainable consumption
- Conducted life cycle assessments (LCA) of products & processes
- Participated in the implementation of the Integrated Management Systems to improve environmental performance, product quality and safety management (ISO 14001:2015; ISO 9001:2015; ISO 45001:2018)
- Documented procedures, work instructions and reports

09/2015 - 09/2016

Kango Products (Pvt) Ltd. (Zimbabwe)

Safety, Health, Environment & Quality Intern

- Conducted environmental monitoring to ensure compliance to air quality and water quality standards
 - Established a waste management project for reducing waste in all plant operations
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Education

09/2020 - 09/2022

Master of Science in Sustainable development (Specialisation: Ecology)

Katholieke Universiteit Leuven
Grade: Cum Laude (Distinction)
VLIR-UOS Scholarship recipient

Project title: *An assessment of landslide risks in Chimanimani and Chipinge districts (Zimbabwe).*

09/2013 - 07/2017

Bachelor of Science in Environmental Science & Health

National University of Science & Technology (Bulawayo, Zimbabwe)

Grade: 2.1

Project title: *A spatial analysis of urban property fire incidents and losses in Bulawayo Metropolitan (2007-2016)*

Certifications

03/2022

Certified in Statistical data analysis

Training - Statistical Data Analysis for Post-Graduate Students and Staff using R Programming Language (*RUFORUM - in association with Makerere University, Uganda*)

Extra-curricular activities

10/2021 - 07/2022

Transdisciplinary Insights Honors Programme (Hacking Consumerism)

Project title: *Engaging students towards circular food consumption in Leuven - a student-led transdisciplinary exercise*

- Conducted research on the principles of circular economy and sustainable consumption
- Received training on team work and transdisciplinary research
- Assessed the sustainable circular initiatives for reducing food waste and food packaging waste in Leuven
- Project product - <https://www.youtube.com/watch?v=NgB0nwvEk1U>

References

Prof. Matthias Vanmaercke
Department of Earth and Environmental Sciences
KU Leuven
Tel: +32 16 37 21 67
matthias.vanmaercke@kuleuven.be

Dr. A. Maviza
Department of Environmental Science and Health
National University of Science and Technology (NUST)
Cell: +263 777 929 383 / +263 775 078 245
Email: mavizaa@gmail.com / auther.maviza@nust.ac.zw

Dr. Klara Claessens
Department of Earth and Environmental Sciences,
KU Leuven
Tel: +32 16 37 27 74
Email: klara.claessens@kuleuven.be
