

# MICHAEL LAMBRECHT

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## PROFILE

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A dual South African and German national with a first-class MSc in the Environment and Sustainability at the University of Cape Town (UCT). Interested in applying geographic information systems and remote sensing techniques to the fields of conservation and environmental management. Skilled in using GIS software as well as data analysis using R Studio. Comfortable working in remote environments.

## EDUCATION

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2023: MOOCs:

- MIT Introduction to Computer Programming and Python
- Wageningen Drones for Agriculture
- Machine Learning in R: Land Use Land Cover Image Analysis

2020 - 2021: Master of Science (Environment, Society and Sustainability), UCT, South Africa

- 85% for thesis

2019: Honours (Biological Sciences), UCT

- First class pass graduating 4<sup>th</sup> in the class

## EXPERIENCE

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2021 – current: Work as a researcher for a One Ocean Hub funded project mapping small scale fishing areas to inform a fisheries management plan in South Africa in collaboration with UCT

2023: Worked for EFTAS mapping agricultural biodiversity in the Czech Republic for an EU-funded project called European Monitoring of Biodiversity in Agricultural Landscapes (EMBAL).

2022: Spent 3 months in Saudi Arabia working for Panthera setting up camera traps

2022: Presented Masters thesis and gave lecture to BirdLife SA

2022: Worked as a project manager for the Liesbeek Rehabilitation Project

2021: Worked on contract for RePhotoSA recapturing historic photographs to track vegetation change

## RESEARCH

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2023: Lambrecht, M., Sowman, M. and Day, K., 2023. South Africa's EIA Screening Tool: A preliminary study of how users perceive its accuracy and utility. *Impact Assessment and Project Appraisal*, 41(2), pp.102-113.

2022: Awarded best Masters coursework thesis for 2021 by the Society of South African Geographers

2021: Masters dissertation title: A preliminary assessment into the accuracy and utility of the environmental impact assessment screening tool, South Africa

2021: Presented Masters thesis at IAIAA National Conference

## REFERENCES

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- Dr Dunja MacAlister, Hons supervisor, UCT: [bscdun001@myuct.ac.za](mailto:bscdun001@myuct.ac.za), cell: +27 72 693 2020
- Professor Merle Sowman, Masters supervisor, and current lead researcher in One Ocean Hub mapping project, UCT: [merle.sowman@uct.ac.za](mailto:merle.sowman@uct.ac.za), cell +27 824529738
- Philip Faure, Panthera boss in Saudi Arabia, [pfaure@panthera.org](mailto:pfaure@panthera.org), cell +27 73 215 9187