

CV: Anthony Mader

- SPECIALISATION** : Environmental Consulting
- NATIONALITY** : South African
- PROFESSIONAL QUALIFICATIONS** : BSc Ecology, Environment, and Conservation
University of the Witwatersrand (2010-2012)
- BSc (Honours) Ecology, Environment, and Conservation
University of the Witwatersrand (2013)
- Doctor of Philosophy (PhD) *Currently completing*
University of the Witwatersrand
- DATE OF BIRTH** : 10 July 1991
- PROFESSIONAL MEMBERSHIP** : Golden Key International Honour Society
- COURSES AND SEMINARS ATTENDED** :
- Wetland offsetting workshop - construction, conservation and rehabilitation, hosted by SANBI
 - Metal speciation and geochemical modelling workshop
 - 9th International Conference on Mine Closure [2014]
 - Land Rehabilitation Society of Southern Africa (LaRSSA) conferences [2013 and 2014]
 - Merck workshop: chemical safety, usage, and storage
 - Report writing workshop at the Postgraduate Development Hub, University of the Witwatersrand

PROFESSIONAL EXPERIENCE

From 01/09/21 to date

Environmental Consultant at SEC

- Basic Assessment Reports (BAR): residential housing development, fuel service stations, and expansion of diesel storage and distribution depot applications for environmental authorization.
- Applicability Checklists

From 26/04/20 to 31/08/21

Environmental Consultant at EnviroAfrica (Pty) Ltd

- Scoping / Environmental Impact Reports (EIR): housing, agricultural, and dam development applications for environmental authorization.
- Basic Assessment Reports (BAR): housing, dam expansion, resort, telecommunication mast, and petrol filling station applications for environmental authorization.
- Section 24G Application
- Rehabilitation Plans and Plant Species Lists
- Amendment Applications: Substantive (Part 2) and non-substantive amendment (Part 1) applications.
- ECO Audits
- Applicability Checklists
- Project Management: managed and involved in the life cycle of Scoping & EIRs and BAR.
- Report writing: applications for environmental and water use authorizations (EIAs, WULAs, GAs, Vegetation Reports, and Applicability Checklists).
- Alien invasive plant species management plans

From 11/09/2017 to 25/04/2020

Environmental Consultant at EnviroPro Environmental Consultants (Pty) Ltd

- Environmental legislation: analysis and application of South African environmental legislation [National Environmental Management Act (NEMA) and National Water Act (NWA)].
- Project Management: managed and involved in the life cycle of government and private projects [EIAs, WULAs, and GAs].
- Report writing: applications for environmental and water use authorizations (EIAs, WULAs, GAs, Vegetation Reports, and Feasibility Reports).
- Liaising with various stakeholders: community leaders, specialists, private companies, and governmental departments
- Vegetation assessments: fieldwork (including plant identification and diversity assessments), data analysis, interpretation of results, and report writing.
- Alien invasive plant species management plans
- Project compliance auditing (Environmental Compliance Officer – ECO)
- Tender procurement and administrative roles

From 01/02/2013 to 01/08/2017 **Teaching Assistant (TA) at the University of the Witwatersrand**

- Assisted with the preparation and demonstration of undergraduate (UG) and
- postgraduate (PG) practicals: courses included plant tissue culture (including
- crop species propagation) (PG), genetics (UG), plant stress physiology (PG), global
- climate change (PG) and ecology (UG).
- Field trips: rivers and wetland ecology (UG) and terrestrial ecology (UG).
- Exam invigilation and marking

From 01/02/2015 to 20/11/2017 **Research Assistant (TA) at the Ecological Engineering and Phytotechnology Program (EEPP), University of the Witwatersrand**

- Soil sample preparation and analysis: soil homogenization, freeze-drying,
- Baseline chemical parameters (pH, EC, and Eh), and XRF analysis.
- Data analysis, interpretation, and report writing
- Laboratory management: hazardous waste disposal, health and safety
- Inductions, and laboratory stock take.
- Project management roles at the 9th International Conference on Mine Closure