

TITUS SHUUYA

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Results-driven Environmentalist/Restoration Ecologist with over 8 years of field experience in natural resources management and biodiversity conservation. Successful at developing and managing environmental programs, conducting environmental assessments and educating the public on environmental issues. My overall career objective is to develop effectual processes of gathering, disseminating and implementing the understanding of the environment, to ensure sustainable natural resources management and biodiversity conservation.

EXPERIENCE

MARCH 2023 – CURRENT

ENVIRONMENTAL IMPACT ASSESSMENT PRACTITIONER, EXCEL DYNAMIC SOLUTIONS (PTY) LTD

- The general nature of the Environmental Assessment Practitioner's assignment shall be to liaise with Directors on the current projects and future environmental and related consulting work;
- Provision of technical expertise related specifically to Environmental studies;
- Compiling and organizing environmental data from maps, databases and other sources;
- Ensuring that quality assurance on new or revised reports conforms to company standards or policy;
- Preparation of regular status reports, highlighting consulting issues requiring attention;
- Creating and document procedures and metadata definitions;
- Assist on other current or potential projects not related to Environment;
- Assist with Satellite Office Administration;
- Attend meetings or training, as shall be deemed necessary for proper function of the work.

JULY 2021 – FEBRUARY 2023

ENVIRONMENTAL OFFICER, UNIK CONSTRUCTION ENGINEERING NAMIBIA (PTY) LTD

- Overall responsible for managing, maintaining and improving the environment in the workplace;
- Ensuring that legislation is adhered to and complied with to manage the planning, implementing, monitoring and reviewing of the environmental and quality strategies, including conducting inspections, accident/incidence investigations, records keeping and writing environment case reports;
- Ensuring that all personnel are fully aware of environmental policies, procedures, new or existing environmental legislation, approved codes of practice, guidance notes, and applicable government reports;
- Implement corporate environment training policy as applicable to the needs and requirements of the project;
- Monitor minor and major environmental modifications to ensure that risk assessments have been undertaken to the required standard;

- Plan and ensure that environmental audits are carried out to establish that the project meets current legislative requirements and its own SHE targets;
- Plan, assist and participate in environmental audits of contractors employed by the company and submit written reports;
- Making changes to working practices that are safe and comply with environmental legislation;
- Preparing environment strategies and developing internal policies;
- Carrying out risk assessments and considering how risks could be reduced;
- Outlining environment operational procedures which identify and take account of all relevant hazards;
- Carrying out regular site inspections to check policies and procedures are being properly implemented;
- Leading in-house training with managers, employees and contractors about environmental issues and risks;
- Keeping records of inspections, and findings and producing reports that suggest improvements;
- Managing and organizing the safe disposal of hazardous to comply with environmental rules;
- Develop, review, maintain and upgrade emergency procedures at the site and offices.

AUGUST 2019 – MARCH 2021

SENIOR ENVIRONMENTAL PRACTITIONER & CONSULTANT, ENVIRONMENTAL COMPLIANCE CONSULTANCY

- Conduct Environmental Impact Assessment (EIA);
- Compliance auditing;
- Collect, record and interpret data and report writing;
- Participate in the environmental requirements of projects, including licences, permits, approvals, environmental monitoring and reporting;
- Participate in environmental components of projects including environmental management plans, scoping reports, public participation processes water quality monitoring and reporting, rehabilitation and landform management plans for progressive rehabilitation, air quality and noise data;
- Ensure compliance with relevant legislation.

JULY 2012 – JULY 2019

SENIOR SCIENTIST, GOBABEB RESEARCH AND TRAINING CENTRE

- Managing all planning and logistical implementation of field projects, particularly concerning the Biodiversity Research and Monitoring Program;
- Collection of data for specific projects;
- Develop a long-term monitoring program for the mine as stipulated within their environmental management plan;
- Maintenance of all field equipment, including vehicles and electronic or other measuring instruments;
- Develop and implement the field safety program;
- Use the database to design projects;
- Interact with industry and government and influence science and conservation policy and practice;
- Provide field-oriented desert ecology teaching and mentoring to primary, secondary, and tertiary school groups, including tourists and visiting scientists;

- Prepare specific arid environment lectures for visiting tertiary students (national and international);
- Facilitate and mentor undergraduate students in scientific research planning, data collection, analysis, report writing and presentations.

DECEMBER 2015 – APRIL 2016

ECOLOGIST CONSULTANT, CHEETAH CONSERVATION FUND OF NAMIBIA (CCF)

- Assist in all aspects of CCF's ecology research;
- Coordinate the de-bushing project (BUSHBLOK) harvest activities and horticulture activities;
- Assist CCF staff and interns with project planning and data analysis;
- Assist in writing scientific publications, research proposals, and grant applications;
- Used critical thinking to break down problems, evaluate solutions and make decisions.

EDUCATION

OCTOBER 2016

**MASTER OF SCIENCE IN NATURAL RESOURCES MANAGEMENT, NAMIBIA
UNIVERSITY OF SCIENCE AND TECHNOLOGY (NUST)**

APRIL 2013

BACHELOR (HONORS) IN ENVIRONMENTAL SCIENCE, UNIVERSITY OF NAMIBIA

APRIL 2005

NATIONAL DIPLOMA IN AGRICULTURE, UNIVERSITY OF NAMIBIA

SKILLS

- Biodiversity Research Assessment
- Environmental Impact Assessment
- Compliance Audit and Monitoring
- Project Planning & Management
- FSC National Forest Stewardship Standard for the Republic of Namibia
- ArcGIS 12 & Quantum GIS (QGIS)
- SPSS, Statistica & SigmaPlot etc.
- Gained strong leadership skills by managing projects throughout the cycle.
- Self-motivated, with a strong sense of personal responsibility.
- Exercised leadership capabilities by successfully motivating and inspiring others.
- Possesses excellent communication and problem-solving skills.

RECENT SCIENTIFIC PAPERS

1. Auala, H., Cloete, C., Gottlieb, T., Haimbili, E., Hembapu, N., Kabajani, M., Ndjamba, J., Shekunyenge, A., Shipani, H. & **Shuuya, T.** 2012. An analysis of the environmental and socioeconomic impacts of Prosopis in the Auob and Nossob Basins, Namibia (Summer Land Care Programme II). Desert Research Foundation of Namibia & Gobabeb Research & Training Centre, Windhoek & Gobabeb.
2. Bombi, P., Salvi, D., **Shuuya, T.**, Vignoli, L., & Wassenaar, T. (2020). Evidence of climate change impacts on the iconic Welwitschia mirabilis in the Namib Desert. BioRxiv.

3. Bombi, P., Salvi, D., **Shuuya, T.**, Vignoli, L., & Wassenaar, T. (2021). Climate change effects on desert ecosystems: A case study on the keystone species of the Namib Desert *Welwitschia mirabilis*. *PloS one*, 16(11), e0259767.
4. Bombi, P., Salvi, D., **Shuuya, T.**, Vignoli, L., & Wassenaar, T. (2021). Very high extinction risk for *Welwitschia mirabilis* in the northern Namib Desert. *Journal of Arid Environments*, 190, 104529.
5. Henschel, J. R., Wassenaar, T. D., Kanandjembo, A., Louw, M. K., Neef, G., **Shuuya, T.**, & Soderberg, K. (2019). Roots point to water sources of *Welwitschia mirabilis* in a hyperarid desert. *Ecohydrology*, 12(1), e2039.
6. **Shuuya, T.** (2016). Investigating the environmental and anthropogenic spatio-temporal patterns of plant health of *Welwitschia mirabilis* in the central Namib Desert (dissertation).
7. **Shuuya, T.**, Wassenaar, T. D. (2013). Biodiversity Impact Assessment of permanent pipeline and power line, Gobabeb Research and Training Centre, unpublished.
8. **Shuuya, T.**, Wassenaar, T. D. (2013). Impacts of developments on Gerbil colony, dens, lizards, birds and other small mammals, Gobabeb Research and Training Centre, unpublished.
9. **Shuuya, T.**, Wassenaar, T. D. (2013). The ecological role of springs and seeps in the ephemeral river and their adjacent valleys, Gobabeb Research and Training Centre, unpublished.
10. **Shuuya, T.**, Wassenaar, T. D. (2013). Vegetation monitoring: The baseline study for the riparian vegetation monitoring programme for the Strategic Environmental Management Plan (SEMP) in the Swakop and Kuiseb Rivers, Gobabeb Research and Training Centre, unpublished.
11. Wang, L., Kaseke, K. F., Ravi, S., Jiao, W., Mushi, R., **Shuuya, T.**, & Maggs-Kölling, G. (2019). Convergent vegetation fog and dew water use in the Namib Desert. *Ecohydrology*, 12(7), e2130.

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

- Environmental Assessment Professionals of Namibia (EAPAN) – Executive Member

LANGUAGES

<u>Spoken languages:</u>	<u>English</u>	<u>Oshindonga</u>	<u>Otjiherero</u>	<u>Afrikaans</u>
Speaking level:	excellent	excellent	good	poor
Writing level:	excellent	excellent	poor	poor

HOBBIES & INTEREST

Learning and Exploring New Research Skills, Travelling and Viewing Nature, Playing Volleyball.

REFERENCES

Prof Theo Wassenaar (Associate Professor)
 Namibia University of Science & Technology
 Department of Natural Resource Science
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 Chief Executive Officer
 Opuwo Town Council
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 Gobabeb Research Centre
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