

Patric Jude Mkai



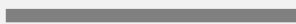
Strategic and result-driven researcher with 4+ years of broad-based experience in Management featuring tele coupling, climate change, occupational health, safety, carbon footprint, life cycle assessment, environmental management system and sustainability in a multiplicity of technical areas. Recognized as an innovative and organized professional offering expertise in delivering consulting and strategic conceptual solutions. Possesses Environment, Health, Safety and Research background, achieving optimal results with competent planning, organization, and innovative solutions to address fundamental project needs. Visionary and creative thinker with stellar analytical, communication and presentation skills.

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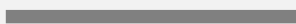
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Dar es Salaam, Tanzania

SKILLS AND COMPETENCE

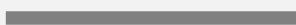
Critical and Analytical Thinking



Data management



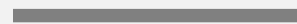
Problem-solving



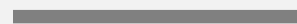
Communication Strategies



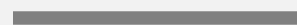
Strategic Planning



Organization and Time management



Risk Analysis & Decision Making



Teamwork and leadership



PROFESSIONAL EXPERIENCE

Project experience

Water Pollution Characterization

*Case study of Temeke Municipality
Institute – Ardhi University (Tanzania)*

Low-cost sanitation

*Case study of Sinza E, Kinondoni
Institute – Ardhi University (Tanzania)*

Occupation Health and safety

*Case study of Urafiki Textile Industry
Institute – Ardhi University (Tanzania)*

Environmental auditing Mwanza international Airport

Tanzania Airport Authority

Assessment of Contaminated Site

*Case study of Kizinga river, Dar es salaam
Institute – Ardhi University (Tanzania)*

Waste Management

*Case study of Tandale, Dar es salaam
Institute – Ardhi University (Tanzania)*

Research experience

Botnar Child Road Safety Challenge

*Case study of Tanga, Tanzania
Amend, Tanzania*

Gold Mining and Social Sustainability, operationalizing tele-couplings for solving sustainability challenges.

*Case study of Geita, Tanzania
Institute - Humboldt University (Germany)*

Quantification of Potential Environmental Impacts of Cement production using a Life Cycle Approach

*Case study of Dangote Cement, Tanzania
Institute – University of Dar Es Salaam (Tanzania)*

Establishment of climate change mitigation measure through carbon foot printing

*Case study of aviation industry (Julius Nyerere International Airport)
Institute – Ardhi University (Tanzania)*

TECHNICAL SKILLS

Google Applications

Microsoft Office Suite

Carbonfootprint

SimaPro

Arc GIS

EDUCATION

Msc. Integrated Environmental Management

University of Dar Es Salaam

BSc. Environmental science and Management

Ardhi University

Secondary Education

Msolwa "St. Gaspare Bertoni" Secondary School- Morogoro

Advanced Secondary Education

St. Joseph Cathedral High School- Dar es salaam

TRAINING & CERTIFICATIONS

Harnessing Tanzania's natural resources for the realization of its development basic principles

Natural Resource Governance Institute and REPOA

Safety awareness in construction industry

Occupational Safety and Health Authority (OSHA)

COSSH Risk Assessor

The Knights of Safety

Driving Course

Mgulani National Service VTC

Computer Maintenance and Repair

Dar Es Salaam Institute Of Technology (DIT)

LANGUAGE & DEGREE OF PROFICIENCY

Language	Speaking	Reading	Writing
▪ English	Fluent	Excellent	Excellent
▪ Kiswahili	Fluent	Excellent	Excellent

REFEREES

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CERTIFICATION

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience. I understand that my willful misstatement described herein may lead to my disqualification or dismissal, if engaged.

Patric Jude Mkai
Name of Expert



Signature