



**NOTHEMBA MIRIAM MHLABA, BSc HONS.  
TIEMS INTERNATIONAL CERTIFICATION-TQC™  
GIS TECHNICIAN**



**DISASTER MANAGEMENT DATA CUSTODIAN  
EASTERN CAPE PROVINCE, SOUTH AFRICA**



Nothemba Miriam Mhlaba was born in 1989 in South Africa. She has been employed as a Disaster Management Data Custodian at the Amathole District Municipality, Eastern Cape Province, South Africa from April 2013 until present. Ms. Mhlaba obtained her Bachelor of Science (GIS and Geology) from the University of Fort Hare in 2011 and the Bachelor of Science Honours with Geology in 2013. She is a diverse professional with 2 complementary professions which are Geographic Information Systems (GIS) and Disaster Management .In addition, she holds the following qualifications: Higher Certificate in Management (completed in 2015).Currently, Ms. Mhlaba has been enrolled at the Southern Business School (Stadio Higher Education) and is studying towards a Diploma in Disaster Management. She has expertise in Analysis, Geo-database design, Computer aided applications and in working with GIS Mobile equipment. She is registered with the South African Geomatics Council as a Geomatics Technician.

In her current position, Ms. Mhlaba is responsible for the following tasks:

- Policy analyses
- Abreast with GIS technology developments
- Liaise with Departments, Agencies and disaster management Stakeholders on technical matters
- Source and create spatial datasets using ArcMap and other GIS software
- Compile plans and graphic reports for planning.
- Maintain data, metadata and standards in the ArcGIS Geodatabase
- Create maps as and when requested (Local Maps, Area Maps, Ward Maps, etc.)
- Providing verbal and written correspondence to the public regarding GIS, and proposed new developments
- Link GIS and disaster management information and be proactive in ensuring that the data is updated and maintained
- Conduct Risk and Vulnerability Assessment (RAVA)
- Produce Technical reports and presentations
- Map production utilizing ArcGIS software, mapping high risk and disaster vulnerable areas.
- Disseminating processed data to Disaster management officers based at 6 local municipalities and other Stakeholders who request it for disaster preparedness, preventing, and disaster mitigating in the Amathole District.
- Promote decision making and enhance service delivery by collecting data, analyzing, interpreting and processing it into user friendly format.