Department of Environmental, Water and Earth Sciences

Faculty of Science

**SARChI Chair for Water Quality and Wastewater Management**

**APTITUDES**

Water and wastewater treatment technology, water management and governance, rapid combinatorial diagnostics and monitoring of water quality.

**RESEARCH DRIVE**

- To provide strategies and innovative technologies that will lead to sustainable urban and especially rural development.
- To capacitate future African manpower, who will be able to secure adequate clean water supplies and develop strategies ensuring sustainable production of drinking water taking quality and quantity into consideration.
- To build research capacity in the field of pollution prevention and wastewater management with the aim of producing postgraduates who can participate effectively in pollution issues at both national and international levels and
- To conduct high quality research in line with the regional and national needs and demands, especially in the fields of science, engineering and technology.
- To work hand in hand with local municipalities and companies involved in water and wastewater management and encourage their personnel to accede to higher qualifications.

**TRAINING THRUST**

Water and wastewater treatment, water microbiology, molecular biology, bioinformatics, environmental chemistry, organic and analytical chemistry and chemical engineering.