

The University of KwaZulu-Natal (UKZN) is committed to meeting the objectives of Employment Equity to improve representivity within the Institution. Preference will be given to applicants from designated groups in accordance with our Employment Equity Plan.

COLLEGE OF AGRICULTURE, ENGINEERING AND SCIENCE

**PROFESSOR (GEOLOGICAL SCIENCES)
SCHOOL OF AGRICULTURAL, EARTH AND ENVIRONMENTAL SCIENCES
WESTVILLE CAMPUS**

REF NO.: AEES09/2021

The School has an active group of academic staff contributing to research and teaching in a wide-ranging areas of Geological Sciences. The incumbent will be required to provide academic leadership, teach modules at both undergraduate and postgraduate levels, (including but not limited to general geology, environmental geology, geology of South Africa) and to conduct research in the Geological Sciences. S/he will be expected to establish a research programme, attract external research funds and supervise Honours and postgraduate students.

The incumbent will be expected to have a track record that demonstrate success in peer-reviewed publishing and postgraduate supervision. S/he will be required to develop strong links with industry to promote scholarship and research in their area of expertise.

Geological Sciences has a variety of equipment to facilitate research: basic paleomagnetic laboratory; Panalytical XRF and XRD equipment; a Perkin Elmer Nexion ICP-MS with LA system; Ion Chromatograph, a SGE-USGS heating-freezing stage for fluid inclusion studies; a sedimentology laboratory with a Malvern Particle Sizer; full suite of single channel seismic reflection profilers including an Applied Acoustics high-resolution boomer system, an Applied Acoustics moderate resolution sparker with multiple hydrophones, shallow water pinger system and ultrahigh-resolution Klein hydroscan side-scan sonar; Altura Zenith drone; access to marine vibrocorer and ultra high-resolution Norbit iWNBF multibeam system; a rock engineering laboratory with a variety of appropriate testing equipment, research microscopes, basic field hydrogeology and environmental geology equipment; and access to a complete suite of Roc science programmes.

The incumbent will report to the Academic Leader : Geological Sciences

Minimum requirements:

- A relevant PhD degree in Geological sciences
- Experience in teaching at a tertiary institution
- A current and sustained research publication record in peer-reviewed ISI/DoHET accredited journals appropriate for the level of
- Successful supervision of MSc and PhD students
- Demonstrated ability to attract external research funds
- Evidence of strong academic leadership

This appointment will be made in line with the University Guidelines/benchmarks which are available on the University Vacancies website on <http://vacancies.ukzn.ac.za/Academic-Process-Proc-Guides.aspx>

Enquiries and details regarding this post may be directed to the Dean & Head of School, Professor Fhatuwani Mudau, on e-mail: MudauF@ukzn.ac.za

Appointment to this position will be on the 2018 Conditions of Service.

Short-listed candidates may be expected to do a presentation on a specified topic.

The remuneration package offered includes benefits.

The closing date for receipt of applications is 17 September 2021.

Applicants are required to complete the relevant application form which is available on the Vacancies website at www.ukzn.ac.za. Completed forms AND Curriculum Vitae may be sent to recruitment-aes@ukzn.ac.za. Advert Reference Number must be clearly stated in the subject line.