

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

COLLEGE OF AGRICULTURE, ENGINEERING AND SCIENCE

**POST DOCTORAL RESEARCHER (LAND USE PLANNING & MANAGEMENT- SARCHI Chair)
TWO YEAR FIXED TERM APPOINTMENT
SCHOOL OF AGRICULTURAL, EARTH AND ENVIRONMENTAL SCIENCES
DURBAN / PIETERMARITZBURG CENTRES**

REF NO. SAEES/2018

DST/NRF South African Research Chair Initiative (SARCHI) in Land use planning and Management is pleased to announce one SARCHI Post-Doctoral Fellowship. The fellowship award is for two years at R 200,000 per annum, with room for renewal for an additional one year, depending on satisfactory performance. The selected fellowships will be attached to the DST/NRF Research Chair (SARCHI) held by Professor O. Mutanga. The Chair is housed in the School, with an active group of academic staff contributing to research and teaching in the fields of biogeography, environmental management, geomorphology, GIS, and Remote Sensing. The overall objective of the Chair is to develop an integrated approach to studying trends in land use/cover patterns as well as productivity of the natural (grasslands and woodlands) and agro-forestry systems over a large spatial extent. The Chair further seeks to quantify ecosystems resilience and restoration benefits. The ultimate goal is to provide systematic assessment of land potential for grazing and forestry, with an appraisal of alternatives in the face of global change. The Post Doc will specifically focus on the development of regionalized predictive tools and decision support systems for land use planning.

Minimum Requirements:

- PhD in Environmental Science, Geography, Remote Sensing/GIS, Ecology, Land/Natural Resources Management
- A proven research record as evidenced by at least a recent publication in peer-reviewed ISI/DHET rated journals.
- Analytical GIS and or Remote Sensing skills
- Experience of working in multi-disciplinary teams.

Advantages:

- Programming skills

Candidates who are self-motivated, rigorous and responsible with a track record showing the ability to conduct independent research work and publications in reputable journals are encouraged to apply. **The closing date for receipt of applications is 30 January 2019, however, this advert will remain open until the position is filled.**

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>

Fellowship Award applications should consist of:

1. A letter of motivation; 2. A Curriculum Vitae (CV); 3. Full academic records; and 4. The contact details of two academic referees. The deadline for application is 15 January 2019. Applications should be submitted to: Ms Precious Nciliba (NcilibaP@ukzn.ac.za) and Professor O. Mutanga (Mutangao@ukzn.ac.za), using the header: UKZN SARCHI post-doc application 2019. For further information, please call Precious on 0332606102 or Prof Mutanga (0332605779).