**The University of KwaZulu-Natal (UKZN) is committed to Employment Equity. 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:** **REMOTE SENSING OF ECOSYSTEM SERVICES AND CLIMATE CHANGE**

**TEN MONTH FIXED TERM APPOINTMENT**

**SCHOOL OF AGRICULTURAL, EARTH AND ENVIRONMENTAL SCIENCES**

**PIETERMARITZBURG CAMPUS**

**REF NO. SAEES09/2022**

The Remote Sensing and the Sustainable and Healthy Food Systems (SHEFS) groups within the Schools of Agricultural, Earth and Environmental Sciences and Life Sciences - Pietermaritzburg Campus are pleased to announce a fixed-term Post-Doctoral Fellowship. The overall objective of the fellowship is to develop integrated research on ecosystem services and climate change effects using remotely sensed datasets and approaches. The focus will be climate induced heat stress, and how this may be mitigated, within the urban/peri-urban/rural continuum in municipalities. We seek to appoint a dynamic, innovative, and self-motivated professional with a strong background in the adoption of optical and thermal Remote Sensing on urban and peri-urban landscape ecology, urban micro-climate and climate change. The candidate is expected to work in a multidisciplinary environment, supporting postgraduate students and publish research findings in accredited journals. As part of our transdisciplinary team, the successful candidate will be exposed to exciting research challenges and get many opportunities to foster their career growth through innovative solutions. An appointment will be on a 10-month fixed-term contract, but this may be renewed subject to additional funding being secured and satisfactory performance.

The successful applicant will be expected to engage in **full-time** postdoctoral studies under the supervisory team.

**Minimum Requirements:**

* PhD in Environmental Science, Geography, Remote Sensing/GIS, Ecology, Land/Natural Resources Management, with strong evidence of remote sensing of climate in urban landscapes.
* Analytical GIS and or Remote Sensing with basic programming skills.
* A proven research record as evidenced by some recent publications in peer-reviewed ISI/DHET rated journals.
* Experience of working in multi-disciplinary teams.
* The candidate must have completed his/her PhD within five years of the appointment being made.

The fellowship is funded by the Sustainable and Healthy Food Systems (SHEFS) grant from the Wellcome Trust, for 10 months, worth R230 000 (R23 000 per month).

Candidates who are self-motivated, rigorous, and responsible with a track record showing ability to conduct independent research and publications in reputable journals are encouraged to apply. **The closing date for receipt of applications is 15 December 2022, however, this advert will remain open until the position is filled. Please send your applications to Precious Nciliba - Email:** [**ncilibap@ukzn.ac.za**](mailto:ncilibap@ukzn.ac.za)

Enquiries and details regarding the post may be directed to Prof. John Odindi at email: [Odindi@ukzn.ac.za](mailto:Odindi@ukzn.ac.za) Tel: +27 33 260 5539

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

**Fellowship Award applications should consist of:**

Applicants are required to submit the following: (1) CV with publication record, (2) letter of motivation, (3) Full academic records, and (4) contact details of two academic referees to Andile Mshengu, Email: mshengua@ukzn.ac.za The advert Reference Number MUST be clearly stated in the subject line.

***Kindly note that the University of KwaZulu-Natal (“the University”) is required to process any Personal Information (as defined by the Protection of Personal Act, 2013 “POPIA”) submitted by candidates when applying for positions at the University. The University will endeavour to ensure that the appropriate security measures are in place and implemented for both electronic and paper-based formats that are used for processing of the personal information recorded through this recruitment and selection process. We refer you to the University’s relevant Section 18 notice at*** [**http://vacancies.ukzn.ac.za/Libraries/General\_Documents/Section\_18\_Notice\_-\_Employees\_and\_Potential\_Employees.sflb.ashx**](http://vacancies.ukzn.ac.za/Libraries/General_Documents/Section_18_Notice_-_Employees_and_Potential_Employees.sflb.ashx)