**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**

**POSTDOCTORAL RESEARCHER: Harnessing Appropriate-scale Farm mechanisation In**

**Zimbabwe (HAFIZ)**

**ONE YEAR FIXED-TERM APPOINTMENT**

**Centre for Transformative Agricultural and Food Systems (CTAFS)**

**School Of Agricultural, Earth and Environmental Sciences**

**PIETERMARITZBURG CENTRE**

**REF NO. CTAFS02/2022**

The project 'Harnessing Appropriate-scale Farm mechanisation In Zimbabwe' (HAFIZ) aims to support government and private investment in appropriate-scale farm mechanisation in Zimbabwe, particularly around mechanised farming *(Pfumvudza)* and transfer learnings to South Africa. The project's overall goal is to improve access to mechanisation and reduce labour drudgery whilst stimulating the adoption of climate-smart/sustainable intensification technologies (which tends to increase labour demand in a context of low mechanisation). The CTAFS seeks to appoint a dynamic, innovative and self-motivated professional with a background in sustainable agriculture and mechanisation in a multidisciplinary set-up to support the HAFIZ Project Team. The candidate is also expected to contribute to project deliverables and publish their 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 1-year fixed-term appointment subject to satisfactory performance and budget availability.

**Minimum Requirements**

* PhD related to sustainable agriculture and/or PhD in specific earth-related disciplines (e.g. agricultural economics, crop science, food security, geography), with evidence of sustainable agriculture and community engagement experience.
* A proven research record as evidenced by recent publications in peer-reviewed ISI/DHET rated journals.
* Good data analysis skills using relevant statistical software.
* Experience working in multidisciplinary teams.

Other desirable attributes relevant to the post include a background in analytical GIS and remote sensing skills, experience in developing web applications, and a valid driver's licence.

Enquiries and details regarding this post may be directed to Prof Tafadzwa Mabhaudhi at email: [mabhaudhi@ukzn.ac.za](mailto:mabhaudhi@ukzn.ac.za)

The closing date for receipt of applications is 28 February 2022. However, this advert will remain open until the position is filled.

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 Nopayi Mkhize, email: [MkhizeN34@ukzn.ac.za](mailto:MkhizeN34@ukzn.ac.za)

**The advert Reference Number MUST be clearly stated in the subject line.**