



**UNIVERSITY OF  
ZULULAND**

**FACULTY OF SCIENCE AND AGRICULTURE**

**DEPARTMENT: HYDROLOGY**

**PROFESSOR/ASSOCIATE PROFESSOR /SENIOR LECTURER**

**POST NUMBER: SW10**

**GRADE 5/6/7**

**REF: FSA2017/SW10**

Applications are invited from suitably qualified interested parties to fill the position indicated above within the Hydrology Department. The position reports to the HOD of the Department. The incumbent must have a good publication record. The main purpose of this position is to teach, research, supervise research and lead in the field of specialty and engage in community activities.

**MINIMUM REQUIREMENTS**

- PhD in the field of Hydrology or a closely related discipline.
- Specialist knowledge of hydrological modelling and of the application of remote sensing and GIS in hydrology and hydrological modelling.
- Certified by SACNASP as a professional natural scientist.
- Advanced theoretical knowledge of and insights into the field.
- 7-10+ years' teaching experience in higher education environment.
- Competence in communicating knowledge and facilitating teaching and learning in a lecture, seminar, tutorial and/or practical or laboratory environment; in assessment practices; the ability to engage in curriculum design and development; and a demonstrated ability to conduct high-quality research; or
- A thorough understanding of fundamental research methodology and competence in facilitating research tutorials/seminars and practical sessions; and/or undertaking research projects, production of research reports and conduction of tutorials and/or practical sessions.
- A substantial number of conference papers, peer-reviewed publications or other acceptable research outputs.
- Peer-recognition as a specialist in the field and a potential to make a substantial contribution to the discipline or field.
- Ability to supervise research at postgraduate level and to develop research capacity.
- Involvement in the wider academic community (e.g. editorships, review requests, participation in professional bodies).
- Ability and willingness to undertake administrative responsibilities at departmental or institutional levels and to assume leadership positions, either in administration or in academic or professional activity.
- Ability and willingness to participate in community engagement projects.

- A professional teaching qualification.
- Sound interpersonal skills, including a commitment to collegiality and equal opportunity.
- Valid driver's license

#### **ADDED ADVANTAGES**

- NRF rated

#### **OTHER REQUIREMENTS**

##### **Skills**

- Problem solving abilities
- Exceptional presentation skills

##### **Behaviours**

- Listening skills
- Self-Motivated
- Attention to detail
- Exceptional social skills
- Good communication skills
- Leadership and management skills

Closing date of applications: **26 September 2017**

The University reserves the right not to make an appointment in the position as advertised.

To apply for this position please logon to PNET ([www.pnet.co.za](http://www.pnet.co.za)) and submit your application. **The University will not accept applications directly or through any other means.**

Candidates who do not meet the minimum requirements, as specified above, will not be considered and should not apply. If you are not contacted within 2 months of the closing date, please consider your application unsuccessful. The University reserves the right not to fill any advertised vacancy. Preference will be given to internal candidates suitable for appointment. UNIZULU is committed to employment equity and equal opportunity.

#### **Please Note:**

**Current permanent Academic members of staff should not apply for this position as they are required to apply through the University Academic promotion process. If an application from such a candidate is received such application will not be considered and will be discarded.**