



FACULTY OF SCIENCE AND AGRICULTURE

POSTDOCTORAL RESEARCH FELLOWSHIP

Water Security and Resources Management

Type: Postdoctoral research fellowship linked to Water Security and Resources Management. The fellowship is a two-year fixed contract subject to satisfactory annual performance. The tax-free stipend is R300 000 per annum.

Introduction:

The University of Limpopo invites applications from suitably qualified and highly motivated candidates for a Postdoctoral Research Fellowship in Water Security and Water Resources Management. The fellowship offers an exciting opportunity to contribute to cutting-edge interdisciplinary research addressing critical water challenges in South Africa and the broader African region. The successful candidate will join a vibrant research team working on projects focused on water security, climate change adaptation, integrated water resources management, hydrological modelling, water governance, and sustainable catchment management.

The fellowship aims to contribute to the development of innovative, evidence-based solutions that strengthen water resilience under increasing pressures from climate variability, land-use change, rapid urbanisation, and growing water demands. The University of Limpopo is committed to advancing research excellence, innovation, and societal impact through multidisciplinary approaches that support sustainable water resource management and contribute to achieving national development priorities and SDGs 6 & 13 (Clean Water and Sanitation & Climate Action).

This fellowship offers an outstanding opportunity for an emerging researcher to build an independent research profile while contributing to transformative water research with local, regional, and global relevance.

Requirements:

- A PhD degree (NQF Level 10) in Hydrology, Water Resources Management, Physical Geography or a related field, completed within the last five (5) years.
- Evidence of research productivity including peer-reviewed publications.
- Experience with hydrological modelling and geospatial analysis tools such as SWAT, MODFLOW, WEAP, MIKE HYDRO, GIS, GEE, Python and/or R.
- Strong written and oral communication skills, good computer and data management skills, and the ability to work independently.

Duties and Responsibilities:

- Conduct high-quality, independent research aligned with Water Security and Resources Management.
- Publish research findings in DHET-accredited high impact international journals.
- Contribute to community engagement projects.
- Conduct fieldwork, data collection, and participate in stakeholder engagement activities.
- Participate in postgraduate supervision and mentorship of honors and master's students.
- Contribute to competitive research and grant proposal development.
- Active contribution in national and international collaborations efforts.
- Contribute to knowledge translation outputs such as policy briefs and popular articles.
- Participate in conferences, seminars and activities that promote a strong research culture.
- Comply with research ethics, governance, and data management requirements.

Expected outputs

During the fellowship, the successful candidate will be expected to produce:

- At least 4 accredited journal publications over the two-year fellowship.
- Several conference presentations at national and international scientific meetings.
- At least one competitive external research grant application.
- Research reports for stakeholders.
- Contributions to postgraduate student supervision and capacity development.
- Collaborative publications with the host supervisor and research team.
- Participation in multidisciplinary research projects within the Faculty and University.

CLOSING DATE: 23RD OCTOBER 2026

Please submit motivation letter clearly outlining your suitability and proposed research agenda, a detailed CV with all your names, addresses, contact details and e-mail address and include contact numbers of three (3) referees, certified copies of all qualifications including Matric / Grade 12 Certificate, academic transcripts, copies of selected recent peer-reviewed publications and a South African ID/ Passport should be forwarded to Human Resources Officer, e-mail applications recruitment15@ul.ac.za

Telephonic enquiries regarding conditions of service: **Ms NA Mbatsane (Tel 015 268 2800)**

It is the applicant's responsibility to have foreign obtained qualifications evaluated by the South African qualifications Authority. Please note that failure to submit the requested documents/information will result in your application not being considered.

The University of Limpopo is an Equal Opportunity Employer. All appointments will be made in accordance with University's Employment Equity Policy. Preference: **Postdoctoral Fellowship**, will be given to Males (African & Indian) and Female (African).

Correspondence will be limited to short-listed candidates only. Applicants who have not been contacted within 30 days of the closing date must consider their applicants as unsuccessful.

The University reserves the right not to make an appointment.



