

We invite application for the position of

Post-Doctoral Research Fellow

Climate Change, Air Quality and Impacts



North-West University (NWU) is on the lookout for a dedicated Postdoctoral Researcher to delve into the pressing issue of climate change effects on sustainable livelihoods and housing in the North-West province.

Location: North-West Province, South Africa

Duration: 3 years

Remuneration: R250,000 ZAR per annum

Overview: Collaborate with the North-West Provincial Government (NWPG) using the Quintuple Helix of Innovation framework. Address climate challenges and shape the future of sustainable livelihoods and housing in the region.



Scan QR code for the
Post-Doctoral Application Form



Unit for Environmental Sciences and Management



Core responsibilities:

- Examine climate change impacts on livelihoods and housing via literature review, data analysis, and fieldwork.
- Engage with stakeholders from various sectors within the Quintuple Helix framework.
- Design, conduct, and refine experiments.
- Publish findings in peer-reviewed journals and report quarterly to the NWPG.
- Attend and contribute at relevant conferences.

Key Research Areas:

- Climate variability's effect on housing quality and infrastructure.
- Vulnerabilities in housing due to climate stressors.
- Projected risks and evolution of climate variability on infrastructure.
- Effective adaptation strategies for minimizing climate change impacts.
- Climate change-induced disasters and their repercussions.

Work Plan:

The selected researcher's specific work plan will be finalized in collaboration with the NWPG. The three-year plan will involve refining project objectives, continuous data collection, attending conferences, engaging with stakeholders, and publishing research outcomes. [Detailed work plan available upon request.]

Candidate Attributes:

- Educational Background: PhD in Environmental science, Geography or related discipline.
- Experience: Proven research accomplishments, expertise in climate change, sustainable livelihoods, and housing.
- Technical Skills: Mastery in research methodologies, familiarity with GIS, statistical packages, and related software.
- Collaboration: Ability to work in interdisciplinary teams, prior engagement with stakeholders within the Quintuple Helix framework.
- Project Management: Strong record in managing research projects and meeting deadlines.
- Personal Traits: Proactive, adaptable, and a deep commitment to the cause.

Applications and enquiries:

1. If you are interested in applying, please submit the following documentation:
2. A letter of motivation, detailing your relevant experience and research interests, current research activities as well as your interest in the project(s).
3. A Curriculum Vitae including a list of publications.
4. The names, contact details and relationship of at least three references (including doctoral supervisor).
5. Proof of completion of PhD or, in the case of a final year PhD candidate, a letter from your supervisor stating the expected date of submission of the PhD thesis.
6. Copy of identification document or passport.

The closing date for applications is 11 September 2023 at 12:00 (noon).

Scan the QR code or follow the link below to apply via the Post-Doctoral Application Form:
<https://forms.gle/eUpCNHbW9742a6LN9>

For further enquiries contact Prof Roelof Burger Burger at Roelof.Burger@nwu.ac.za with subject line: **CCAQI Postdoc Enquiry.**