



POST DOCTORAL RESEARCH FELLOWSHIP OPPORTUNITY
Climate change and urban water
Climate System Analysis Group, University of Cape Town

Applications are invited from individuals with a relevant PhD background (e.g., climatology, meteorology, computer science, statistics, etc.) to engage in the analysis of climate change data for developing urban adaptation responses.

The NRF Community of Practice (CoP) on Climate Research in Collaboration with Society invites applications from highly motivated candidates for a Postdoctoral Research Fellowship (PDF) in an exciting new interdisciplinary research project supporting the development of climate change resilience in relation to water in the urban setting across 3 South African cities. The overarching research aim for the CoP is to investigate how we build context-relevant and actionable anticipatory adaptation for climate change on time scales of extreme events through to long term changes. The project will bring together researchers, practitioners, and policymakers to work collaboratively on addressing the development of urban water related management and infrastructure in South Africa.

- Duration:** 2 years (with possible extension)
Salary: R350 000 / year (tax free)
Location: University of Cape Town
Eligibility: Must have finished their doctoral degree within the past 5 years
May not have held a full time permanent professional or academic post

The successful applicant will join a broader multi-disciplinary team between the University of the Witwatersrand, University of Cape Town, and University of KwaZulu-Natal. The opportunity will allow the successful applicant to engage in frontier research of high relevance and value to society, while developing skills that are highly pertinent to furthering their careers in the broader area of climate change. The team has a dedicated scientific officer to support the collaboration logistics and management of activities.

Details about the PDF: Actionable climate change information and uncertainty

- The PDF will be based at the University of Cape Town in the Climate System Analysis Group ([CSAG](#)), and work with Profesor Hewitson.
- The main activity focus will be on developing climate projections for actionable messages about climate change in urban decision making.
- Applicants should have good data analysis and management skills and programming proficiency.
- Some experience and exposure to climate change issues and climate data.
- A PhD (completed) in a relevant discipline (for example: meteorology, climatology, computer science, statistics, etc.).
- The PDF is annually renewable subject to satisfactory progress and continuity of funding.

Applicants should be available to take up the position as soon as possible, but no later than 1st Aug 2023. Please note that no benefits or allowances are included in the value of the fellowship. The project has travel allowance for events related to the core activities.

All applications should include:

- A letter of motivation, including indicating the available start date;



- A full CV including publications;
- Academic transcripts; (please do not include certificates)
- The names and contact details of at least two academic referees who have taught/supervised the applicant.

Complete applications must reach Dr. Jessica Lee, (jessica@csag.uct.ac.za) by no later than 27th June, 2023.

For enquiries and/or further information please email: jessica@csag.uct.ac.za

The project reserves the right to disqualify ineligible and incomplete applications, to change the conditions of award, or to make no awards at all.
