



**POST-DOCTORAL FELLOWSHIP SPATIOTEMPORAL STATISTICS IN  
ASSESSING THE IMPACT OF CLIMATE CHANGE ON HEALTH  
DELTAS AFRICA SUB-SAHARAN AFRICAN CONSORTIUM FOR ADVANCED  
BIOSTATISTICS (SSACAB) PROGRAMME**

**Deadline 30 March 2024**

**DESCRIPTION:**

The Wits Global Change Institute together with the Wits School of Public Health is seeking to appoint a postdoc within the Sub-Saharan African Consortium for Advanced Biostatistics program (SSACAB II) funded through the Developing Excellence in Leadership, Training, and Science in Africa (DELTAS Africa) program. DELTAS Africa is an initiative of the Science for Africa Foundation (SFA) with funding support of Wellcome and the United Kingdom's Foreign, Commonwealth & Development Office (FCDO). The funding aims to develop and improve biostatistical skills among researchers in order to create biostatistical research nodes of excellence and a network to nurture researchers with advanced skills and expertise.

**ELIGIBILITY:**

Context: Climate change can significantly impact a wide range of health issues in Africa. To address these challenges we need to understand how the spatial and temporal occurrence and patterns of critical diseases in Africa respond to predicted climate and environmental changes, and how this will impact public health and development outcomes. The two-year (extension possible) fellowship is open to nationals of low and middle-income countries in the Sub-Saharan African Region who are resident in the region, see, <http://data.worldbank.org/about/country-and-lending-groups#Sub-Saharan-Africa>

Applicants should be under 45 years old for the post-doctoral fellowships.

**JOB POSITION:** Within the SSACAB II program, the postdoc will focus on quantitative research at the climate change and health interface with the aim of building a career in Biostatistics. The person will be expected to supervise students, publish in reputable scientific journals and generally contribute to the functioning of the Wits Global Change Institute.

Profile: The candidate must hold a PhD with a strong background in a quantitative field such as Statistics, Mathematics and/or Data Science. Experience with a programming language (e.g. Python, R) is essential. Candidates with additional expertise in health and climate modelling are particularly welcome. Excellent oral and written communication in English is required.

**APPLICATION INSTRUCTIONS:**

- ✓ Application: (CV, Cover letter, Short project concept proposal and Two letters of

recommendation) should be sent by Email to Yolandi Ernst with the subject "SSACAB II Postdoc Application".

- ✓ Deadline for application: Applications will be reviewed as it is received up until 30 March 2024.
- ✓ Starting date: Expected starting date preferably in April-May 2024 but possibility to agree on a later starting date.
- ❖ Enquiries and applications should be submitted to:

1. Dr Yolandi Ernst ([yolandi.ernst@wits.ac.za](mailto:yolandi.ernst@wits.ac.za))
2. Prof Ngianga-Bakwin Kandala ([ngianga-bakwin.kandala@wits.ac.za](mailto:ngianga-bakwin.kandala@wits.ac.za))

Please copy [tobias.chirwa@wits.ac.za](mailto:tobias.chirwa@wits.ac.za) and [pascaliamunyewende@wits.ac.za](mailto:pascaliamunyewende@wits.ac.za)