



The **South African Environmental Observation Network (SAEON)** is a research platform funded by the Department of Science and Technology (DST) and managed by the National Research Foundation (NRF). SAEON is mandated to establish and manage long-term environmental observatories; maintain reliable long-term environmental data sets; promote access to data for research and/or informed decision making; and contribute to capacity building. The mandate is executed through six geographically distributed nodes that are coordinated by the SAEON National Office in Pretoria.

SAEON invites applications from suitably qualified individuals for the position of:

**Hydrometeorology Scientist
(3 Year Contract appointment)**

The focus is the design and implementation of long-term research projects that investigate the hydrometeorology of terrestrial ecosystems across South Africa.

Key responsibilities will include:

1. Experimental design, supervise installation of instrumentation, supervision of data collection, developing protocols for data management and analysis, oversight of data management, data evaluation and analysis, and writing of reports and scientific publications.
2. Training and management of technicians and field assistants.
3. Supervision or co-supervision of students.
4. Liaison and networking with academic stakeholders, with respect to the design of hydrological and meteorological research and production of scientific results.
5. Liaison with policy makers and water management authorities, to promote the use of relevant research results for improved water resource management.
6. Contribution to the SAEON Education Outreach programme.

Requirements

- PhD in Hydrology or Hydrometeorology
- At least 3 years' experience in the development and implementation of hydrological or hydrometeorological research in natural or agricultural ecosystems.
- Sound publication record in peer reviewed literature.
- Competency with use of the some or all of following methodologies: scintillometry, streamflow gauging, groundwater monitoring, atmospheric gas and energy flux measurements (eddy covariance or similar), soil water measurement, hydrological modelling.
- Competency with computer software for data management and analysis.

Applications should include detailed *Curriculum vitae*, covering letter and contact details of at least three referees.

Completed application forms **must** accompany your application. Forms can be downloaded from the SAEON webpage www.saeon.ac.za

Applications should be forwarded to leazill@saeon.ac.za or alternatively posted to SAEON, P.O. Box 2600, Pretoria, 0001, Attention: Human Resources.

Closing date for receiving applications: 25 July 2014

SAEON is committed to employment equity and redress. *SAEON reserves the right not to make an appointment to the position as advertised.*