The **South African Environmental Observation Network (SAEON)** is a research platform funded by the Department of Science and Innovation (DSI) 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.

Node Manager: uLwazi
Permanent management level position

The uLwazi Manager should seek to establish SAEON's Data Management Node as a sustainable Data Centre supporting state-of the-art data management and decision support products in the interdisciplinary global change and environmental arena. SAEON requires its data systems to keep abreast with cutting-edge best practice in international Open Science, especially in the context of global change science and data innovation, to be applied as appropriate in the local environment.

Purpose:
The uLwazi Manager will provide strategic leadership for SAEON's expanding open data management environment and manage its contracts delivering data management solutions to government departments. This person will manage SAEON's existing IT and Data Management team comprising four areas coordinated by specialist team leaders in IT infrastructure, Data Curation, Systems Development and Data Science. SAEON operates in an Open Science Data System with a focus on long-term environmental observation data and decision support tools. * SAEON's operations are dispersed over several locations and across a wide network of marine and terrestrial based observation platforms that produce both periodic and continuous data which require seamless and secure ITC connectivity to SAEON's data centre. Managing the IT hardware and security of this system is in the remit of this position.

Key Responsibilities will include:
* Provide data management and IT infrastructure to serve SAEON□s needs for connectivity, data storage and processing power in a secure environment.
* Manage solutions for data management and decision support.
* Provide state-of-the-art Open Data management and Decision support for society.
* Ensure sustainability of SAEON's data and information node.
* Support strategic management in SAEON.

Key Requirements:
Qualification:
* BEng Computer Engineering or BEng Electronic Engineering or Masters of Engineering: Engineering Management or MSc in natural sciences with a strong background in Computer Engineering.
* Five years as team or project leader in a science data environment

Experience:
* Experience in the Science Data milieu, Big data, open data environment
* Work experience or formal training in people and project management
* Experience in contract management
* Working with interdisciplinary teams
* Excellent spoken and written communication skills for interdisciplinary and multisector audiences
* Experience in human resources and project management.

Knowledge:
In-depth knowledge of one of the following with experience in/familiarity with the others: Systems Development; Data Curation; Data Science and Decision Support Systems;
Distributed virtual and physical IT infrastructure and security.

Additional Notes:
A valid driver's license and willingness to travel to various sites on a regular basis.

Information:
The website www.nrf.ac.za provides more details on the NRF initiatives and activities.

Applications:
Applicants should submit a comprehensive CV by logging to https://ess.nrf.ac.za/Account/Recruitment and apply online. Applications should be accompanied by a letter of motivation indicating the applicant's suitability for the position. The names and contact details of at least three referees should be provided.

Closing Date: 16 March 2022