



## **POSTDOCTORAL POSITION TO JOIN THE “INDIGENOUS MARINE INNOVATIONS FOR SUSTAINABLE ENVIRONMENTS AND ECONOMIES (IMisEE) PROJECT” IN SOUTH AFRICA**

*Applications are invited for one full-time postdoctoral (NRF-Grant holder) position held at the National Research Foundation (NRF)-South African Institute for Aquatic Biodiversity (SAIAB) in Grahamstown/Makhanda, South Africa.*

### **REQUIRED QUALIFICATIONS AND EXPERIENCE**

Preference will be given to applicants with expertise, experience and interest in one or multiple fields of coastal ecology, animal physiology, biogeochemistry, mathematical modeling, machine learning, engaged scholarship and the multiple socio-ecological dimensions of research that address co-created, indigenous approaches.

An understanding of marine science and nature-based ecological engineering practices will be an advantage. The successful applicant must have a track record of peer-reviewed outputs in reputable scholarly journals. A valid driving license is key for this position.

*Preferred start date is June 2024, for a 1-year position with a possible extension for a 2nd year subject to fund availability and performance.*



### **HOW TO APPLY**

Interested candidates should send a CV (including names of two professional references), copy of doctorate certificate and a letter of motivation to Prof Francesca Porri ([f.porri@saiab.nrf.ac.za](mailto:f.porri@saiab.nrf.ac.za)).

**DEADLINE FOR SUBMISSIONS IS  
03 MAY 2024**



The transdisciplinary aim of this research is to use ecological, biogeochemical, physiological approaches, as well as the arts and pedagogy to study the role of nature-based, “low-tech” ecological engineering innovations to sustainably and ethically improve the functioning and biodiversity of coastal urban habitats. The co-creation of nature-based structures entails a close partnership between scientists and a rural coastal community in the Eastern Cape province.

The post doctoral fellow will be based in Grahamstown/Makhanda, Eastern Cape province of South Africa, approximately 1.5 hours east of Port Elizabeth/Gqeberha. This region is known for its game reserves, white sand beaches, and festivals.

The Eastern Cape is also one of the poorest provinces in South Africa, with many rural communities along the coast still heavily relying on the rich intertidal diversity of natural resources for subsistence.

Grahamstown/Makhanda has a strong tradition in marine research and hosts Rhodes University and the NRF-SAIAB. The South African Institute for Aquatic Biodiversity (SAIAB), based in Makhanda/Grahamstown, Eastern Cape, is a National Research Facility of the National Research Foundation. SAIAB is world-renowned centre for the study of African aquatic biodiversity ([www.saiab.ac.za](http://www.saiab.ac.za)).

## PERSONAL ATTRIBUTES

The NRFs shared values are People-centred, Ethics and Integrity, Accountability, Passion for Excellence, World-class Service and Respect. These values reflect the organisation’s core ethics and principles. They are lived values that inspire and articulate the NRFs aspirations regarding workplace behaviour and institutional culture.

This is the sphere where ecomusicological interdisciplinary actions facilitate community development and assist integrating the needs of the environment and people. We are seeking an individual with expertise and interest in any of the fields mentioned above, broadly extending to machine learning, modeling, engaged scholarship and transformative research.



*The NRF-SAIAB is committed to a holistic approach towards a modern transformation of the knowledge enterprise, based on excellence, impact, equity and diversity. The NRF-SAIAB reserves the right not to appoint any applicants to this position as advertised. Final appointments are dependent on approval by the NRF.*