

position the SAIAB as an international and regional centre for South Western Indian Ocean (SWIO) marine research.

SAIAB's **Science Advancement** is closely aligned with SAIAB's research structures. SAIAB uses the NRF PhD Pipeline Project as driver for project-driven Science Advancement in the facility. Through targeted outreach to HEIs, and the ACEP *Phuhlisa* Programme, SAIAB is establishing a student network from undergraduate to postgraduate level to grow human resource capacity in the biodiversity sector. Research staff also provide development training programmes for aquatic scientists and fisheries personnel from many African countries.

One of SAIAB's core activities is the dissemination of knowledge, and amongst other publication avenues, this is done through its own publications to which SAIAB staff and associates contribute. The Institute has published a number of books on the freshwater fishes of southern Africa, fishes of the Southern Ocean, the biology and ecology of southern African estuarine fishes and coastal fishes of southern Africa as well as the *Smithiana* monograph and Special Publications series. Popular guides to estuaries and coastal fisheries resources have also been published and SAIAB's research and conservation efforts are increasingly present in the media.

SOUTHERN OCEAN GROUP

Director

PW Froneman, PhD(Rhodes)

Senior Research Officer

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The Southern Ocean Group was established in the Department of Zoology and Entomology in 1981 under the directorship of Professor Brian Allanson. The group was the first unit in South Africa involved in the study of biological oceanography in the Southern Ocean, Antarctica and in the vicinity of the Prince Edward Islands. This programme forms part of the oceanographic component of the South African National Antarctic Research Programme (SANAP) and is concerned with the spatial variability in Southern Ocean ecosystems and its response to global climate change. Present projects concern the spatial and temporal patterns in the plankton community structure and food web dynamics in the Southern Ocean. This research provides opportunities for research towards Honours, Master's and Doctoral degrees, and postgraduates form a very active part of the group. The group has close collaborative links with research institutes in South Africa and other countries and is funded by the Department of Science and Technology.