



science, technology
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Department:
Science, Technology and Innovation
REPUBLIC OF SOUTH AFRICA



SAEON
South African Environmental
Observation Network

UCT-SANCOR Seminar

The **SOMISANA** team presents

FAIR ocean models and tools for the South African marine science community

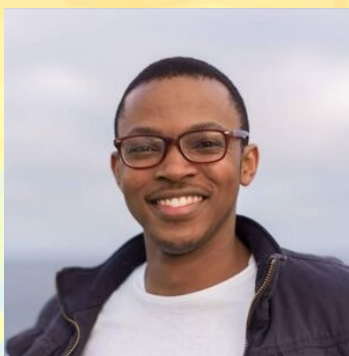
► 27 July

► 13h00 SAST

► UCT Oceanography Seminar Room,
RW James Building & Online



Presenters:



Nkululeko
Memela



Philile
Mvula



Dylan
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Gustav
Rautenbach



forestry, fisheries
& the environment

Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

SOMISANA: FAIR ocean models and tools for the South African marine science community

The vision of SAEONs SOMISANA initiative (<https://somisana.ac.za/>) is for a sustained and transformed critical mass of internationally recognized South African numerical ocean modelling experts who provide accurate information about the changing state of the ocean for enhanced impact. Aside from ongoing capacity development activities, the team forms part of the National Oceans and Coastal Information Management System (OCIMS) consortium, led by the Department of Forestry Fisheries and Environment (DFFE). In this role, they develop high resolution, regionally optimized models and value added products that feed into various OCIMS decision support tools. All model outputs, value added products, processing tools, including operational workflows, are freely available and provided with FAIR (Findable, Accessible, Interoperable and Reusable) data principles and can be accessed through the SOMISANA catalogue (<https://catalog.somisana.ac.za/catalog/>) and fully documented git repositories:

<https://github.com/SAEON/somisana-croco>

<https://github.com/SAEON/somisana-opendrift>

In this presentation, we will showcase the SOMISANA models and value added products that are freely available for the community and are very much looking forward to your feedback and suggestions!

The SOMISANA team: Giles Fearon, Nkululeko Memela, Philile Mvula, Dylan Pivo, Gustav Rautenbach, Jennifer Veitch

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