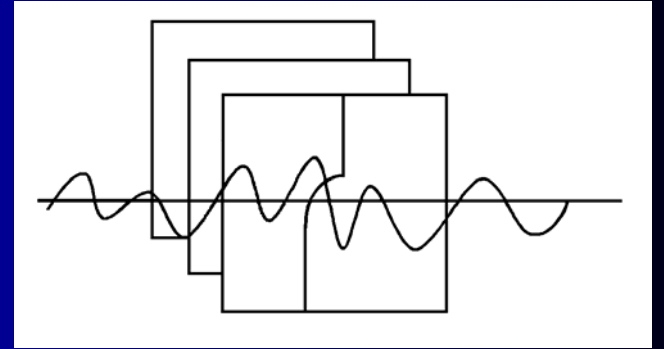


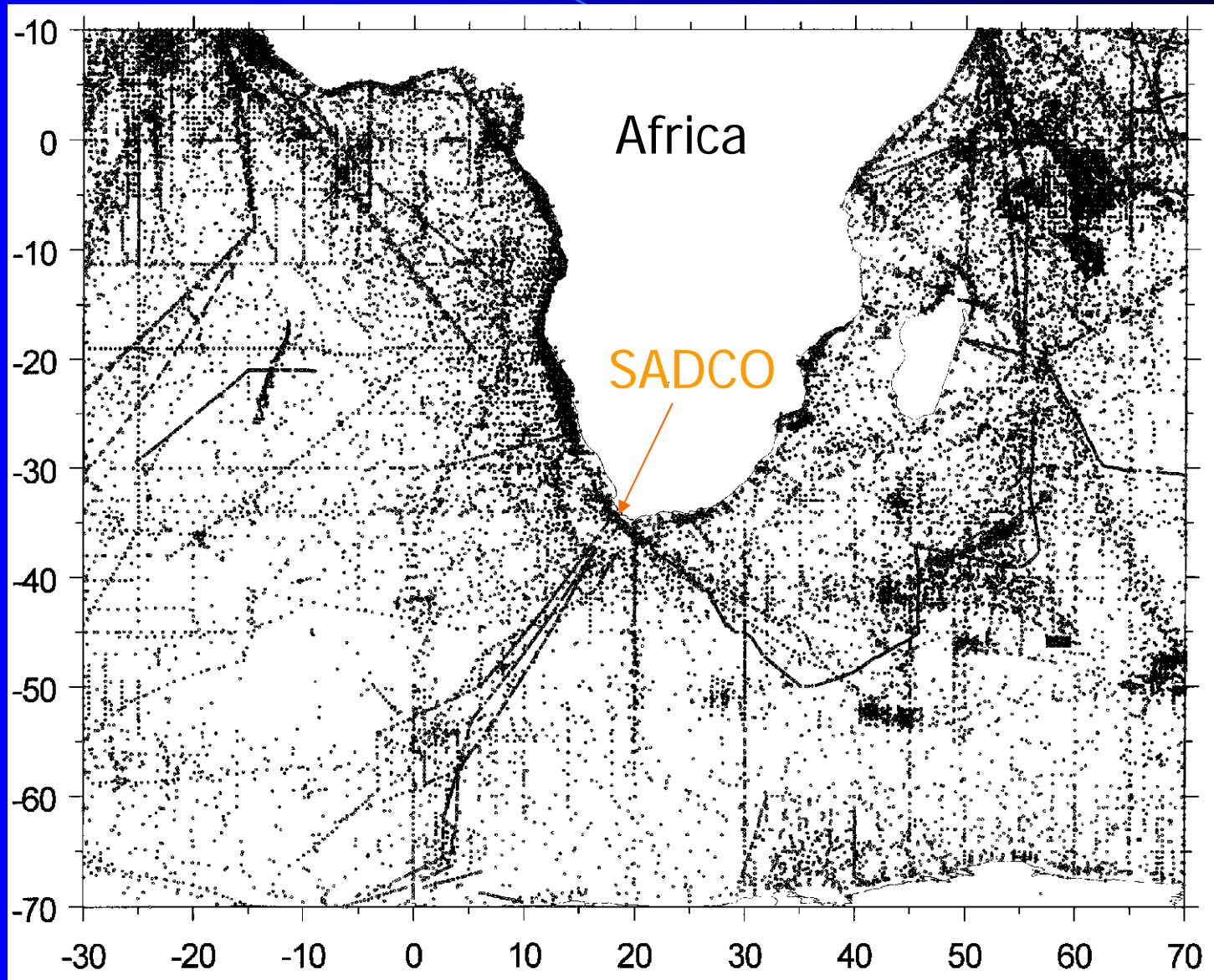
# SADCO



Southern African Data  
Centre for Oceanography

Manager: Marten Grundlingh

# SADCO: Target Area



# SADCO: management model

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- Funded by consortium of 5 southern African marine organisations
- Consortium forms Steering Committee to oversee data centre, and decide policy
- SADCO has existed since 1960's, present format since 1990

# SADCO: data management

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- ORACLE DBMS, workstations
- Data can be flagged for security
- Daily backups for safety

# SADCO: data types (1)

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- Vertical profiles (>200 000 stations):
  - CTDO continuous data
  - Discrete bottle data, XBTs, MBTs
  - Nutrients, chemistry
- Surface observations (6m reports, 45m observations)
- ADCP profiles (under development)

# SADCO: data types (2)

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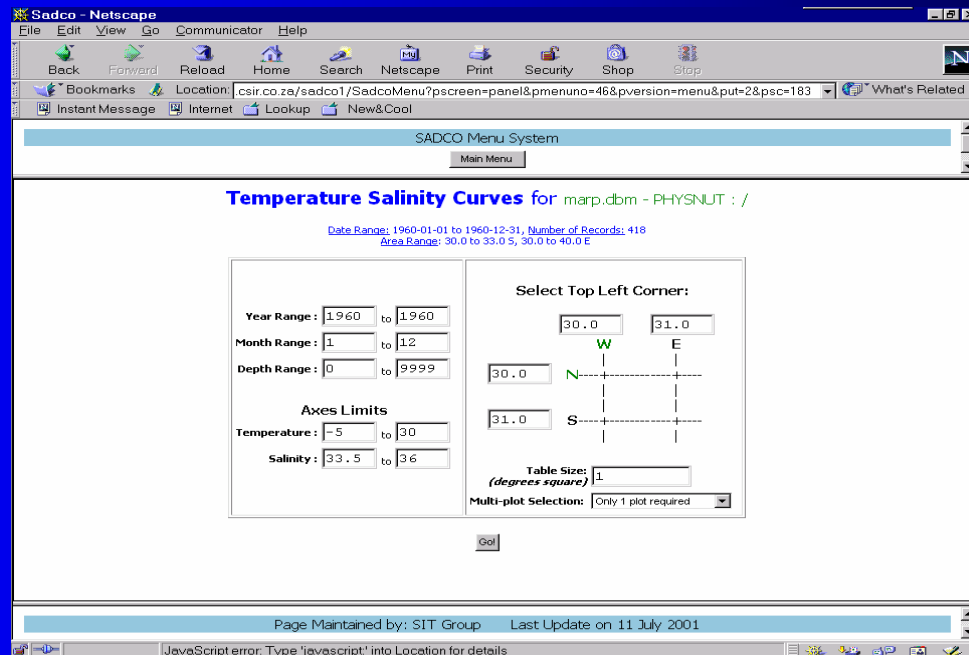
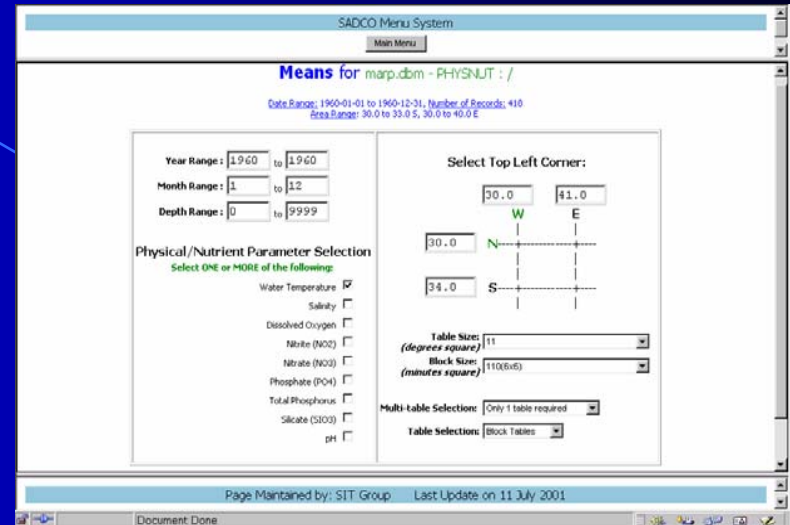
- Time series data:
  - Current meters
  - ADCP
  - AWS (land-based or buoy)
  - Other
  
- Plankton
- Other, as required

# SADCO: products (1)

- Web-enabled raw data extraction (standard & customised, off-line)
- Extractions by geographic area, cruise or deployment
- ODV format

The screenshot shows a web browser window with the title 'SADCO Menu System'. The browser's address bar shows 'Instant Message', 'Internet', 'Lookup', and 'New&Cool'. The main content area is titled 'Extract Data' and contains the following text: 'Please fill in the form, and click on the Go! button' and 'Compulsory fields are marked with an \*'. The form includes several input fields: 'Request Number:' (text box), 'Output File Name:' (text box with an asterisk), 'Data Subject Type:' (dropdown menu with 'Physical/Nutrient Oceanography' selected and an asterisk), 'Data Type:' (dropdown menu with 'Physical/Nutrient ODV Format' selected), 'If FLAGGED data:' (checkbox), 'Dataset:' (dropdown menu with 'Sediments Chemistry 1 (n/a)' selected), and 'Password:' (text box). Below these fields, there is a section for 'Survey ID' and 'Start Date (yyyy-mm-dd):'. The footer of the page reads 'Page Maintained by: SIT Group Last Update on 11 July 2001'.

- Means, statistics
- Graphs, downloadable
- Inventories





# SADCO: inventory

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- SADCO can scout for data (insight into regional data)
- Existing inventory of cruises

# SADCO: communication


- Quarterly newsletter

- Web site

*[sadco.csir.co.za](http://sadco.csir.co.za)*

Welcome to the new home of

## SADCO



### SOUTHERN AFRICAN DATA CENTRE for OCEANOGRAPHY

[Home Page](#)  
[Services](#)  
[Data and Data Loading](#)  
[Access](#)  
[Inventory Information](#)  
[International links](#)  
[Cruise Inventory](#)  
[Newsletters](#)

The Southern African Data Centre for Oceanography (SADCO) stores, retrieves and manipulates multi-disciplinary marine information from the areas around southern Africa.

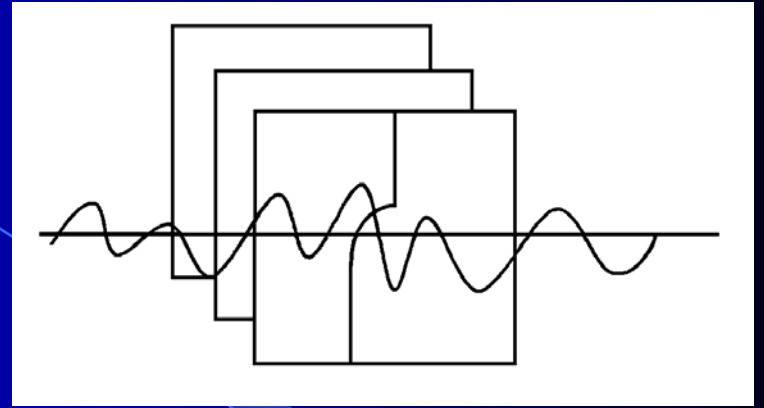
SADCO has been in existence since the 1960's, and in its present configuration since 1990. It is operated by the South African CSIR Stellenbosch on behalf of a number of marine organisations in South Africa and Namibia, namely

- Department of Environmental Affairs and Tourism, represented by the Marine and Coastal Management, Cape Town.
- CSIR, represented by Environmentek, Stellenbosch.
- South African Navy, represented by the Institute for Maritime Technology, Simonstown.
- South African universities, represented by the National Research Foundation (NRF), Pretoria.
- Namibian Ministry for Fisheries and Marine Resources, represented by the National Marine Information and Research Centre, Swakopmund.

These organisations are represented on a Steering Committee, along with a representative from the Industry.

In this way, SADCO is a national facility representing and serving virtually all marine organisations in southern Africa. SADCO is also recognised by the Intergovernmental Oceanographic Commission (IOC) as the official South African mouthpiece in terms of international exchange of marine data.

CONTACT	
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***Thank you***