



Environmental and coastal planning and development

SAMOC

THE ROLE AND FUNCTION OF THE SOUTHERN ATLANTIC IN GLOBAL OCEAN CIRCULATION AND CLIMATE

The aim of the SAMOC project, which is an integral part of the international research partnership on climate variability and change, is to develop a surveillance system in the South Atlantic. This will involve pursuing the research first launched in 2004 into different zones – South Africa, Drake's Passage and the eastern and western edges of the South Atlantic.

The project consists of developing an observation network with the help of modelling tools to understand how the South Atlantic functions and its role in global ocean circulation and long-term climate predictions.

Partners

Research centers

IUEM (UMS 3113), Brest [Project Developer]
Alfred Wegener Institute, Bremerhaven
Departamento de Oceanografia, Centro de Tecnologia e Geociencias, Universidade Federal de Pernambuco
Departamento Oceanografia, Servicio de Hidrografia Naval SHN
Department of Marine Operations, Shirshov Institute of Oceanography, Moscow
Department of Oceanography, University of Cape Town
Dept. of Earth, Atmospheric and Planetary Sciences Massachusetts Institute of Technology, DEAPS-MIT
Instituto Oceanografico, Universidade de Sao Paulo IO/USP
Laboratoire de Physique des Océans (UMR 6523), Brest
Physical Oceanography Division (PhOD), Atlantic Oceanographic and Meteorological laboratory at NOAA PhOD at NOAA-AOML
University of Miami's Cooperative Institute for Marine and Atmospheric Studies (CIMAS)
University San Diego / Scripps Institution of Oceanography, San Diego (US)

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