IMPORTANT DATES & LINKS

Call for abstracts: 31.01.2018

Abstract submission deadline: 04.03.2018

Registration deadline: 01.04.2018

Conference webpage:
https://preface.w.uib.no/events/meetings/ga2018/

Press and Enquiries: prefaceproject@uib.no

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"Combining European and African expertise in observations, modelling, and marine ecosystems to improve our understanding and capabilities to predict Tropical Atlantic climate and its impacts."

1st announcement

PREFACE INTERNATIONAL CONFERENCE AND FINAL ASSEMBLY

*17th-20th April 2018
Arrecife, Lanzarote (Spain)*

www.preface-project.eu

CONTEXT & SCOPE

The PREFACE project is funded under the European Union 7th Framework Programme to improve our understanding of the functioning of the tropical Atlantic climate, and to enhance our capabilities to predict it and its impacts, with a particular focus on Atlantic African fishing communities. During the past 4 years, this large project has brought together 28 partners across 18 countries in Europe and Africa with expertise in oceanography, climate modelling and prediction, and fisheries science, and 3 associate partners directly involved in achieving the sustainable management of the three Eastern boundary large marine ecosystems of the tropical Atlantic. An open science conference will be held jointly with the final project assembly to mark the end of this highly successful project.

The aim of the conference is to bring together those working on tropical Atlantic climate and its impacts, especially on the marine ecosystem and fisheries. We thus welcome contributions from the wider scientific and other stakeholder community, as well as from the PREFACE team, in the following broad areas:

CONFERENCE TOPICS

Key oceanic processes in the Tropical Atlantic, observations and modelling

We welcome contributions from observations and modelling of key ocean processes, covering the upper ocean heat and freshwater balance, equatorial and coastal upwelling, equatorial and coastal wave processes, exchange between the open ocean and coastal seas, coupled ocean-atmosphere dynamics or physical-biogeochemical/biological coupling. Contributions on the evolution, gaps and future perspectives of the tropical Atlantic observing system and on improvements and limitations of forced ocean models may contribute to this topic as well.

Climate variability, modelling and prediction

Despite progress in our understanding of tropical Atlantic variability (TAV), key uncertainties still exist. We welcome contributions on the various modes of TAV, on their underlying dynamics, teleconnections, and predictability. Particularly welcome are studies on understanding and reducing model systematic error in the tropical Atlantic, and on climate prediction.

Marine ecosystems, fisheries and climate change

Land use and fisheries are primary sectors in the response of African Atlantic societies to climate change. We welcome contributions on ecosystem processes and on how they are impacted on by climate variability, and will be altered according to future climate conditions. Also sought are contributions on regional climate change and the uncertainties linked to mean state errors. Finally contributions on the socio-economic impacts of climate variability and change on the fisheries sector are highly welcome.