

The International Summer School „Ecology of Eastern Boundary Upwelling Systems“ will focus on physical, biogeochemical and ecological processes in the four major coastal upwelling areas in the ocean, namely the Benguela Current System, the Humboldt Current System, the California Current System, and the Canary Current System. The aim is to assess the role of these highly productive systems within the global climate, as they provide around one fifth of the world's marine fish catch and secure livelihood and food in many countries.



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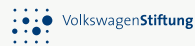
INTERNATIONAL SUMMER SCHOOL

Ecology of Eastern Boundary Upwelling Systems

Saint-Louis, Senegal

25 April – 1 May 2016

supported by:





The summer school will be structured into lectures and group work involving African, European and American academics engaged in these Eastern Boundary Upwelling Systems (EBUS) embracing an integrative and comparative approach. A major focus will be put on cross-disciplinary discussions between experts and attendees. The aim is to concentrate on noticeable similarities of the four EBUS, while at the same time using the significant differences concerning their structure, key processes, and productivity to understand the reaction of the systems to global change phenomena and their impact on global processes. With this understanding, a thoughtful engagement is expectable regarding a more holistic approach to societal challenges.

The design of the summer school is a combination of expert presentations and interactive workshop sessions, allowing maximum engagement and knowledge exchange among participants. Additional opportunities for informal networking such as dinner occasions, a reception and a visit to the local fish market are also included. One major goal of this summer school is to build a network that stimulates future collaborations between all participants.

A handful of top-notch researchers will make sure that this event will be a grand success!

Lydia Adeleke, *Fisheries Economics*, Nigeria

Hyacinth Nnamchi, *Meteorology, Climatology, Hydrology*, Nigeria

Péricles Silva, *Ocean-site Management*, Cape Verde

Papa Ndiaye, *Fisheries Sciences*, Senegal

Khadry Diouf-Goudiaby, *Biological Oceanography, Marine Ecology*, Senegal

Hilkka Ndjaula, *Population Dynamics Of Small Pelagic in the Southern Benguela*, Namibia

Kate Watermeyer, *Benguela Upwelling System*, South Africa

María Belén Rodríguez de Fonseca, *Teleconnections*, Spain

Werner Ekau, *Fisheries Biology*, Germany

Aïssa Benazzouz, *Remote Sensing Research*, Morocco

Monique Messié, *Satellite Products, Model Outputs and In Situ Data to Study Ecosystem Processes*, USA

Timothée Brochier, *Biophysics, Oceanographic Modelling*, France/Senegal

Arnaud Bertrand, *Fisheries Ecology, Behavioural Ecology, Physical Forcing and Organism Distribution*, France

Santiago Hernández-Léon, *Biological Oceanography, Zooplankton Physiology*, Spain

Tim Rixen, *Carbon Cycle, Biological Pump in Coastal Upwelling Systems*, Germany

The summer school is aimed at PhD candidates and Postdocs from German and African universities/research institutions, and also at young researchers whose study focus is on one of the four EBUS. If you're one of them please send us your application as one PDF file including a letter of motivation and a short version of your CV. We have a limited number of grants to support your participation in this course.

