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FACTSHEET

Master Research Programme in Climate Change and Marine Sciences, CABO VERDE

Director in Charge of Programme: Dr. Corrine Almeida (PhD)

WASCAL Capacity Building Programme facilitates academic education amongst 12 West African universities in collaboration with German institutions through the Graduate Studies Programme (GSP). Each programme selects students from each of the WASCAL member countries through open calls for applications (scholarship and fee-paying students). WASCAL has since 2012, maintained its strong commitment, under the sponsorship of the German Federal Ministry of Education and Research (BMBF) to provide climate change solution through capacity building by helping educate the next generation of scientists attain an in-depth knowledge of different climate related issues in order to help the region develop suitable management strategies.

English language is used as the main language of instruction. Both Masters

and Doctoral students are expected to participate in four months language training in English (University of Cape Coast, Accra-Ghana) and French (University of Lomé - Togo) for Anglophone and Francophone students respectively.

PROGRAMME RELEVANCE TO CLIMATE CHANGE

The Master's Research Programme on Climate Change & Marine Sciences at the Atlantic Technical University of Cabo Verde is implemented in close cooperation with the GEOMAR Helmholtz Centre for Ocean Research Kiel, the University of Kiel and the Thünen Institute, as German partner institutions and with the National Institute of the Sea (iMAR) as the Cabo Verdean partner institution. This consortium is well suited to provide needed scientific and

academic skills in climate, marine sciences and management both on an international and on a regional level in West Africa, in a climate change context.

The programme is combating climate change through its training activities and research output that are geared towards specific objectives as follows;

Equip students with the skills to understand, develop and monitor the influence of anthropogenic (human) factors on marine environments. This includes an investigation of issues such as coastal erosion, maritime transport, pollution, and climate change.

The programme will adequately prepare West African students for subsequent post-graduate studies or professional careers as managers or experts in industry, consultancy, governmental agencies etc.

HOST UNIVERSITY

The Atlantic Technical University (Cabo Verde) is a novel public university and its mission is to offer undergraduate and graduate education, research, and public services. UTA inherited the 35 years of experience of its precedent institutions and together with other two independent institutions, UTA forms the “Campus do Mar” established by the Government with the aim of preparing highly qualified professionals and promote applied research, and international scientific cooperation in key areas for the development of Cabo Verde. UTA will be composed by at least 4 Institutes, being the current Institute - ISECMAR responsible to realize the university mission on the various branches of engineering, maritime and marine sciences.

ISECMAR - offers different kind of facilities, such as laboratories (biology, chemistry, multi-purpose laboratories, seaweed bank of Cabo Verde), rooms for Administration, teaching and guest lecturers.

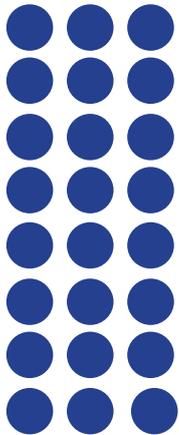
GEOMAR - our main scientific partner, is a world-wide leading institute of marine research. This institute investigate chemical, physical, biological and geological processes of the seafloor, oceans and ocean margins and their interactions with the atmosphere. And also bridge the gap between basic and applied science in several areas.

OSCM at **IMAR** is a multi-functional space, intended to significantly enhance opportunities to conduct marine research in the tropical Northeast Atlantic and the West African region. It functions as a drive-through hall in which large marine scientific equipment such as deep-sea robots and manned submersibles can be maintained. Connected to the two-story hall, the centre offers a mechanical and electronics workshops, two multi-purpose laboratories (a wet and a dry one) as well as storage rooms for equipment, samples and chemicals.

BENEFICIARIES SO FAR

23 West African students

Full scholarship scheme: accommodation, tuition, travel, and cost of research.



24 students in 1st and 2nd batch

- admitted in 2019 and 2020
- completion in 2022

COUNTRY BREAKDOWN OF BENEFICIARIES SO FAR



Senegal



Mali



Ghana



Nigeria



Benin



Togo



Cabo Verde



Burkina Faso



Cote d'Ivoire



The Gambia



Niger



Guinea

Sponsored by MAVAFoundation



DURATION OF PROGRAMME
24 months

NUMBER OF STUDENTS ADMITTED SINCE INCEPTION
24

1 STUDENT Sponsored by MAVAFoundation

NUMBER OF STUDENTS WHO HAVE GRADUATED
0

MODE OF ADMISSION

Call for application (through advert) for scholarship as well as for fee-paying students and then selection through the relevant committee with the involvement of the School of Postgraduate Studies (SPGS). Recommendations are then sent to the International Advisory Board.

IMPACT

- The programme will help students gain a thorough understanding of the taxonomy, natural history, and ecology of a wide variety of marine organisms.
- It will enable them conduct hands-on research and have opportunities to focus your studies on a specific aspect of marine biology. As a graduate, they will not only walk away with a thorough comprehension of marine biota but will also know how to communicate their research and their knowledge to interested parties.
- Offer several opportunities for the graduates. They can pursue doctoral studies or undertake professional careers in meteorological agencies, research centers, universities, public administration, private sector, NGOs, International Institutions, etc.

BENEFICIARIES BY GENDER

17



6



INVESTMENT BY BMBF SO FAR

€1,138,783

Investment
breakdown
per each batch:

First and second
batch:
(2019):
€ 1,138,783



VISION

WASCAL seeks to become one of Africa's leading institutions in the provision of climate and environmental services in and for West Africa.

OUR MISSION

WASCAL seeks to provide information and knowledge at the local, national and regional levels to its West African member countries to cope with the adverse impacts of climate change. We do this through Capacity Building support to young West African Scholars in fields of natural and social sciences and by strengthening West African universities and climate service departments in WASCAL member countries. We combat climate change and improve livelihoods.

Contact Address

DIRECTOR OF CAPACITY BUILDING
DEPARTMENT:
Prof. Daouda Kone
WASCAL Headquarters,
Accra.
Email: capacitybp@wascal.org

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 -  press@wascal.org / info@wascal.org
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