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FACTSHEET

Doctoral Research Programme in Climate Change and Land Use, GHANA

Director in Charge of Programme: Prof. Wilson A. Agyare

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

In order to deal with the current and emerging issues of climate change through the use of interdisciplinary approaches, the Doctoral Programme in Climate Change and Land Use (DRP-CCLU) is created at the Kwame Nkrumah University of Science

and Technology, Kumasi Ghana, in the framework of the West African Science Service Centre on Climate Change and Adapted Land Use (WASCAL) to focus on capacity building at the PhD level to help develop the knowledge necessary for sustainable land use and management

in the face of climate change.

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

Train a critical mass of human resources to strengthen the research, educational and policy capacity and competency of West-African countries to deal with current and emerging issues of climate change through the use of interdisciplinary approaches.

HOST UNIVERSITY

The Kwame Nkrumah University of Science and Technology (KNUST), runs this Doctoral Research Programme, which until 2019, was ran at the Master’s level. It was established since 1961. Its students’ population is over 55,000 with over 5,000 graduate students. The university is organized into a collegiate system with six (6) Colleges: Science, Engineering, Health Sciences, Agriculture and Natural Sciences, Architecture and Built Environment, Art and Social Sciences. The Doctoral Research Programme in Climate Change and Land is hosted at the Department of Civil Engineering as the academic department under the responsibility of the School of Graduate and Research Studies in collaboration with the Quality Assurance Department of KNUST .



over **5,000**
graduate
students

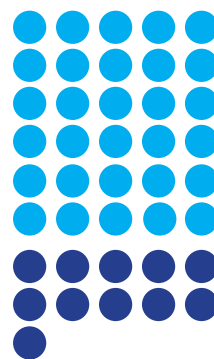


over **55,000**
students

BENEFICIARIES SO FAR (2012-2020)

41 West African students

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



30 graduated
• from 2012 to 2019

11 students in 4th batch

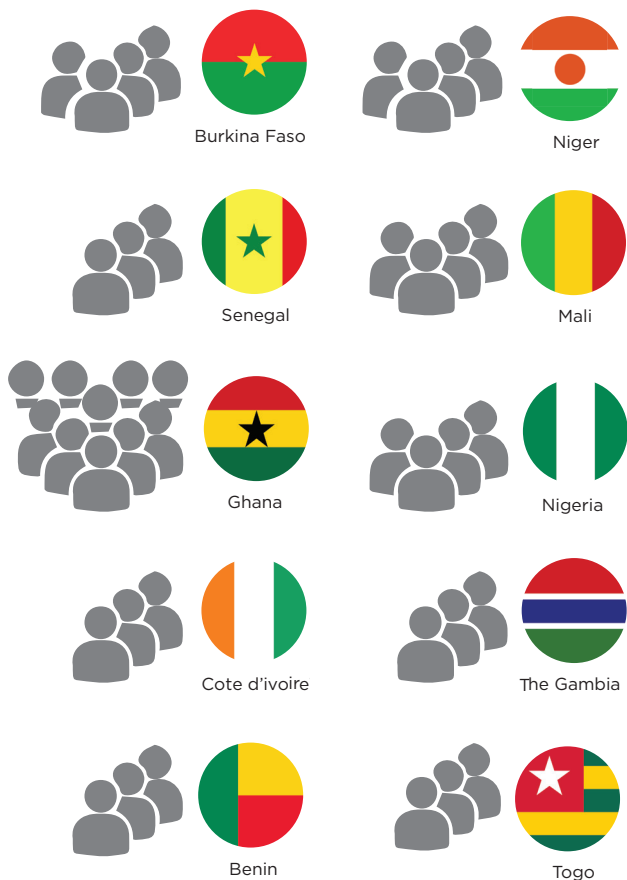
- 2 fee paying students
- admitted in 2019
- completion in 2022

DURATION OF PROGRAMME
46
months

NUMBER OF STUDENTS ADMITTED SINCE INCEPTION
41

NUMBER OF STUDENTS WHO HAVE GRADUATED
30

COUNTRY BREAKDOWN OF BENEFICIARIES SO FAR



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

WASCAL KNUST continues to deliver on its mandate of training high quality graduates in the area of Climate Change and Land-use. The strength of the WASCAL programme is reflected in the employability of graduates. WASCAL KNUST graduates currently occupy high positions in both the private and public sectors and are making impact in society. Notable Alumni include Biola Kazeem Badmos (PhD), a graduate from Nigeria who is employed by the Islamic Development Bank, Saudi Arabia. He currently has six (6) papers published from his dissertation plus a book chapter. Mathieu Maurice Ahouansou (PhD), a graduate from Benin is currently an Assistant Professor at the School of Natural Resources Management, Faculty of Agronomic Sciences and University of Abomey-Calavi, Benin. He played a key role as a hydrologist and climate change expert, to analyse the hydrological long-term trends in past and present time and to investigate extreme drought and floods events and to develop an Early Warning System for Benin, a project funded by the United Nations Development Programme and the World Bank. Demba N. A. Trawally (PhD), a graduate from The Gambia is currently the Director of Research at the National Agricultural Research Institute, The Gambia. Mariama Nouhou Koutcha (PhD), a graduate from Niger, is currently a lecturer at the faculty of Agronomy at Niger Islamic University.

BENEFICIARIES BY GENDER

34



7



NUMBER OF THESE
WRITTEN SO FAR

30



INVESTMENT BY BMBF SO FAR

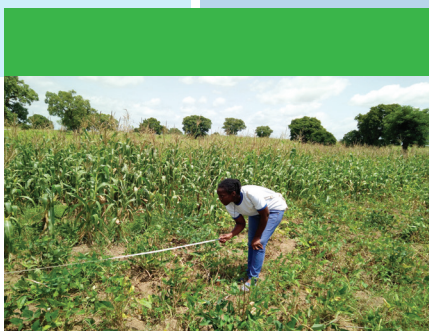
€3,095,610

Investment
breakdown
per each batch:

First and Second
batches:
(November 2011 to
February 2015):
€ 1,605,804

Third batch
(March 2016 to
September 2018):
€ 735,880

Fourth batch:
(September 2019
to 2022)
€ 753,921



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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 www.wascal.org
 press@wascal.org / info@wascal.org
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