



**2019 Admissions into PhD programme in Climate Change Economics –
Call for Applications
(Full Scholarship Available)**

The West African Science Service Centre on Climate Change and Adapted Land Use (WASCAL) under the sponsorship of the German Federal Ministry of Education and Research (BMBF) is pleased to announce application for its Doctoral and Master's Research Programmes in all its eleven (11) West African partner universities.

WASCAL is a wholly West African international organization with focus on academic and transdisciplinary research, building graduate-level scientific capacity and serving policy makers in West Africa with science-based advice on adaptation to climate change impacts and land use management. It cooperates with many agencies and universities in the region, providing a knowledge platform of excellence for its partners. WASCAL is funded by BMBF, multilateral and bilateral partners and its 11 West African member countries, namely: Benin, Burkina Faso, Cabo Verde, Cote d'Ivoire, Ghana, The Gambia, Mali, Niger, Nigeria, Senegal and Togo.

WASCAL's mission is to provide information and knowledge services at the local, national and regional levels to 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 climate, natural and social sciences and by delivering climate and environmental services in member countries.

Admission

PhD in Climate Change Economics is opened:

-) to students from partner countries in West Africa (Benin, Burkina Faso, Cote d'Ivoire, Gambia, Ghana, Mali, Niger, Nigeria, Senegal, Togo and Cape Verde)
-) holders of a Master II / DEA in Economics or equivalent

) *Objective*

The objectives of the PhD program Climate Change Economics are to:

- a) Train West African leaders for a better inclusion of climate change issues in the policies and sustainable development projects and programs.
- b) Promote an integrated approach to climate change issues
- c) Build capacities to assess the impacts of climate change and develop adaptation strategies;
- d) Promote an operational approach to knowledge in the field of climate change particularly through case studies.

Training

The program includes four training modules specified in the following way:

Module 1 : Quantitative Techniques

- Mathematics
- Econometrics
- Data Mining

Module 2: Economic Theory and Climate Change

- Macroeconomics
- Microeconomics

Module 3: Resources Economics and Climate Change

- Environment and Sustainable Development
- Theory of Environmental Policies
- Introduction to the biophysics of Climate Change
 -) BioEconomics and Green growth
 -) Environmental Accounting and footprints
 -) Integrated approaches to Climate Change and Economic Modeling
- International Trade and the Environment
- Economy and Finance of Climate Change
- Environment and Health
- Collective Action and Environmental Management
- Environmental Estimating and Evaluating Techniques

Module 4: Cross-cutting Module

- Communication Skills
- Research Methodology
- Geographic Information Systems

Working Language

English

Programme

The PhD program in Climate Change Economics is composed of two poles: Training and Research

Access Conditions

Selection will be based on the following documents:

- Form duly filled
- Curriculum vitae
- Two letters of recommendation (including one signed by the employer, if applicable)
- A cover letter
- Two passport pictures
- Certified copies of diplomas and transcripts

The applicants must (Baccalaureat to Master)

- have an English proficiency and able to follow graduate level studies

Applications must be submitted to wascal.phd@ucad.edu.sn and copy capacitybp@wascal.org

Start date of Call for application: February 13, 2019

Deadline for applications: March 29, 2019

Note: The number of admitted applicants will be limited to 12 students.

Duration of the training

3 years