



**UNIVERSITY OF ABOMEY-CALAVI (UAC),  
Multidisciplinary Postgraduate School 'Spaces,  
Cultures and Development' (EDP-ECD)**

**République du Bénin**

**&**

**AFRICAN REGIONAL INSTITUTE FOR GEOSPATIAL  
INFORMATION SCIENCES AND TECHNOLOGY (AFRIGIST)**

**Obafemi Awolowo University Campus, Ile-Ife, Nigeria**

## CALL FOR PhD APPLICATIONS

**PhD Title:  
Geospatial Information  
Science and Technology  
and Sustainable Development  
(GISTSD)**

### Background

Recent advances in information and communication technology (ICT) have contributed to the development of a wide range of geospatial information technology applications of geospatial information science such as remote sensing and geographic information systems. These technologies are also used in social, management, environmental and land sciences. The development of geospatial information science (GIS) has greatly revolutionized the relationship between man and his environment and has also changed the way time and space are used and managed in many societies. The use of geographic information technologies is currently omnipresent, leading to studies aimed at understanding the individual and collective

spatial behavior of societies. Remote sensing and GIS are commonly used in the fields of urban management, ecological resource management, public administration and governance, agriculture and food security, social protection and health care management among so many others.

The proposed joint PhD Programme between AFRIGIST and the University of Abomey-Calavi (UAC), aims to train high-level experts, capable of carrying out interdisciplinary research in order to develop theories and models that will contribute to the sustainable development of Africa through training, education, quality research in geospatial sciences and critical capacity building.

### Overall objective of the training

This training aims globally to train a qualified human resource in geospatial information science and technology. and its applications,

with the capacity to respond to the problems that undermine the sustainable development of nations and communities in Africa.

### Specific objectives

At the end of the training, Students will be able to:

- Develop theoretical and practical knowledge in geoinformation and its applications;
- Develop their capacity and aptitudes for research and development and application of Geospatial Information technologies
- Conduct research based on the use of Geographic Information Systems (GIS), according to the needs of countries;

- Conduct interdisciplinary research in order to develop theories and models that will contribute to the sustainable development of Africa;
- Use geospatial information science technologies to meet the peculiar social, economic and environmental challenges in Africa;
- Exploit networking opportunities between lecturers and researchers from AFRIGIST member countries in particular and other nations in general.

### Specializations

Geospatial Information and Risk and Disaster Management (IGRC)  
Geospatial Information and Land Management (IGF)  
Geospatial Information and Health and Epidemiology (IGSE)  
Geospatial Information and Environmental Management (IGE)

### Admission requirements

The Joint Ph.D. program in Geospatial Information Science and Technology and Sustainable Development (GISTSD) is accessible to anyone meeting the following conditions:

- Holder of a Research Master or equivalent in a relevant discipline, obtained in an accredited regional institution or a university recognized and authorized to grant degrees



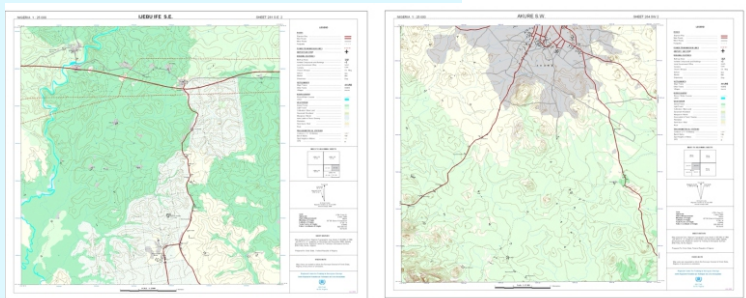
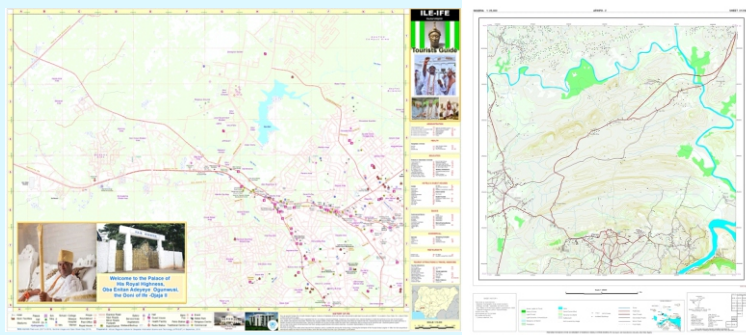
## Application documents

- An application letter addressed to the training coordinator
- A legalized birth certificate
- Copies of all university degrees obtained
- Transcripts for all previous university degrees
- Photocopy of National ID card/Passport
- Two passport photos
- A curriculum vitae detailing the academic qualifications and relevant professional experience of the candidate;
- Two reference letters written by superior officers with whom the candidate has worked
- The opinion of the prospective research supervisor
- Letter of motivation of the candidate attesting to his ability to undertake a doctoral research program
- A research proposal signed by the prospective supervisor
- A file bearing the candidate's name and registration number
- A receipt for payment of the costs of the registration request form and another receipt of review fee
- receipt for payment of fees from the University Orientation Council (CUO)
- A receipt for registration and training fees
- O'level Certificate (Anglophone)
- NYSC Discharge Certificate (for Nigerians)

## Institutions and Actors involved

The proposed PhD is a regional program that will involve a network of academics, scientists and researchers from AFRIGIST member states and other countries. However, the two institutions that will lead and coordinate the program are:

- The African Regional Institute for Geospatial Information Science and Technology (AFRIGIST), and
- The University of Abomey-Calavi (UAC) through the Multidisciplinary Postgraduate School 'Spaces, Cultures and Development' (EDP-ECD), Republic of Benin



Obtain the minimum PhD grade (at least 70% in the French-speaking system and 60% in the English-speaking system)

Anyone, whatever their nationality, can register provided they can prove the authenticity of their Master's degree or any equivalent degree and comply with the texts in force for university studies at the University of Abomey Calavi (UAC ) (Benin) and AFRIGIST (Nigeria).



## Language

The PhD Program in Geospatial Information Science and Technology and Sustainable Development is bilingual (French and English).

## Duration

The normal duration of the PhD is six (6) semesters. However, it cannot exceed ten (10) semesters for exceptional cases.

## Output profile

Doctoral students from this training can be:

- Specialist in Geospatial Information Science and Technology;
- Independent and international consultant in GIS and sustainable development;
- Expert in Geographic Information System;
- Planner;
- Landscape analyst;
- Manager of Geographic Information Systems (GIS);
- Specialist in cartography;
- International expert in remote sensing;
- Environmental specialist;
- Lecturers-researcher and researcher
- Disaster Management Project coordinator etc.

## Submission of applications

**Applications are received in the two institutions involved in the Doctorate program:**

1. Ecole Doctorale Pluridisciplinaire (EDP-ECD)  
UAC/EDP-ECD, 01BP 526, Abomey Calavi, Email: edp.ecd@gmail.com
2. African Regional Institute for Geospatial Science and Technology (AFRIGIST), Off Road 1, OAU Campus, P.M.B. 5545, Ile-Ife, Nigeria. Email: doaafrigist@gmail.com, doa@afrigist.org