



# AFRICAN REGIONAL INSTITUTE FOR GEOSPATIAL INFORMATION SCIENCE AND TECHNOLOGY (AFRIGIST)

Under the auspices of the United Nations Economic Commission for Africa (UNECA)  
Off Road 1, Obafemi Awolowo University (OAU) Campus, P.M.B. 5545, Ile-Ife, Nigeria

## Two-Day International Workshop on: “THE USE OF GEOSPATIAL INFORMATION TECHNOLOGY IN ELECTORAL ADMINISTRATION AND GOVERNANCE”

### **1.0 Introduction**

Administration of elections in developing countries is usually daunting. This is because most of the nations are pluralistic and growing democracies generally characterised by weak institutions. The period of elections is usually typified with one form of crisis or the other. Most of the recurring problems are attributable to the ways and manner electoral materials and information are managed by stakeholders. For credible elections, there is need for improved electoral information management.

Electoral administration and governance matters like determination of electoral units, location of polling booths, movement of election materials, dissemination of election results, and many others, have geospatial footprints. Thus, geospatial information technologies can be deployed to provide solutions to some of the major challenges. To this end, a workshop on the application of geospatial technology in the administration, monitoring and management of elections is scheduled to hold in the African Regional Institute for Geospatial Information Science and Technology (AFRIGIST). The objectives of the workshop include the following:

- i. Expose participants to the utilisation of geospatial technologies for election administration.
- ii. Introduce geospatial information technologies that support electoral governance.
- iii. Explore the usefulness of spatial databases in the management of electoral information (such as voters’ registration, polling booth allocation, etc.).
- iv. Provide hands-on activities on spatial analysis and electoral mapping.

### **2.0 Target Participants**

The workshop is designed for senior and management staff of Electoral Commissions, Police, Military and Para-military agencies, Pressmen, Judicial officers, researchers, academia, and other professionals involved in electoral matters.

### **3.0 Content**

The workshop will be an interactive session on contemporary developments and issues related to the application of geospatial information technologies in election administration and decision making for good governance. The content of the workshop will include:

- i. Overview of geoinformation technologies for election administration

- ii. Spatial database design and creation for electoral administration and governance
- iii. Spatial data sources, collection and GIS integration
- iv. Web-based electoral geospatial information system for election monitoring
- v. Spatial analyses operations for electoral districting and decision making
- vi. GIS-based electoral information management
- vii. Electoral mapping

#### 4.0 Schedule of Activities

Date	Time	Activities
<b>Day 1</b> 17/10/2017	8.00am-9.00am	Registration
	9.00am-10:30am	Opening and Short Break
	10.30am-12.00pm	Overview of geoinformation technologies for election administration
	12.00am-2.00pm	Break
	2.00am-3.30pm	Spatial database design and creation for electoral administration and governance
	3.30pm-4.00pm	Coffee break
<b>Day 2</b> 18/10/2017	4.00pm-5.00pm	Spatial data sources, collection and GIS integration
	9.00am-10.30am	Web-based electoral geospatial information system for election monitoring
	10.30am-10.45am	Break
	10.45am-12.00pm	Spatial analyses operations for electoral districting and decision making
	12.00pm-2.00pm	Coffee break
	2.00pm-3.30pm	<ul style="list-style-type: none"> <li>• GIS-based electoral information management</li> <li>• Electoral mapping</li> </ul>
4.00pm-5.00pm	Closing ceremony	

#### 5.0 What will be achieved?

Upon completion of the workshop, participants will be able to:

- i. understand the key concepts of geoinformation and its use in election administration;
- ii. know various sources of spatial data, their collection and management for electoral activities;
- iii. be familiar with geospatial analytical operations for electoral information analysis and decision making; and

- iv. understand the methods of electoral information dissemination using Geographic Information Systems.

## **6.0 Profile of AFRIGIST**

The African Regional Institute for Geospatial Science and Technology (AFRIGIST), formerly known as Regional Centre for Training in Aerospace Surveys (RECTAS) was established in 1972 under the auspices of the United Nations Economic Commission for Africa (UNECA) as an educational “one-stop” solution institution that trains highly skilled manpower in geospatial information science and technology, and its applications. AFRIGIST is located within the campus of Obafemi Awolowo University, Ile-Ife, Nigeria. The Institute is a bilingual (English and French) inter-governmental joint institution for Africa, with full diplomatic accreditation in the Federal Republic of Nigeria and its membership is open to all African countries. The member countries now are eight (8) namely: Benin, Burkina, Cameroon, Ghana, Mali, Niger, Nigeria (the host country) and Senegal. New countries have recently joined the Institute: Cote-d’Ivoire, Guinea-Bissau and Liberia.

The vision of AFRIGIST is to be a leading Institute of Excellence providing one-stop solution for quality geospatial information science training, education and research and critical capacity for sustainable development in Africa. Its mission is to contribute to rapid sustainable development of member states in particular and Africa in general, through the development of critical capacity for timely delivery and responsible use of appropriate geospatial information.

The objectives of the Institute are to:

- i. provide theoretical and practical training in the field of Geospatial Science and Technology including in particular photogrammetry, remote sensing, cartography and geographic information systems and their applications in geophysical surveys, environmental studies, natural resources management, mapping, land administration, etc.;
- ii. conduct seminars and courses with a view to providing an opportunity to government officials in the region to exchange information and experiences in the field of Geospatial Science and Technology;
- iii. carry out studies and research in the field of Geospatial Science and Technology; and
- iv. provide advisory and consultancy services to member states of the United Nations Economic Commission for Africa (UNECA) and other institutions concerned with the production and/or use of geospatial data and information.

For further information or clarification on AFRIGIST or the programme, please do not hesitate to contact us physically or by phone call. You may also wish to visit our website ([www.rectas.org.ng](http://www.rectas.org.ng)).

## **7.0 Experts/Resource Persons**

The resource persons for this workshop will be drawn from AFRIGIST and partner organisations such as (i) Obafemi Awolowo University (OAU), Ile-Ife; (ii) Geoconsult International, United Arab

Emirates (UAE); (iii) Faculty of Geoinformation Science and Earth Observation Science (ITC), Enschede, The Netherlands etc.

## **8.0 Starting Date, Duration & Venue**

The 2-day workshop is being proposed for **17<sup>th</sup> - 18<sup>th</sup> October, 2017** at AFRIGIST Consultancy Short Term Course Laboratory, Obafemi Awolowo University Campus, Ile-Ife, Nigeria.

## **9.0 Financial Matters**

The cost of participation in the 2-day workshop is **One Hundred and Fifty US Dollars (US\$150.00)** only per participant. This does not include accommodation and feeding. Limited numbers of rooms are available at the Institute's international Guest Lodge (Kufoniyi Hall) at the rate of Thirty-Five US Dollars (35.00) only per room per night. Eligible candidates are expected to make payment of their participation fees, on or before **18<sup>th</sup> September, 2017**, directly to the Account Unit of AFRIGIST or the following accounts:

- (i) **ECOBANK Nigeria Plc**  
24, New Court Road, Old Gbagi, Ogunpa  
Dugbe - Ibadan, Oyo State, Nigeria  
**Account No. 0252031864**  
Swift Code: ECOCNGLA
  
- (ii) **ECOBANK Cotonou, Benin**  
Rue du Gouverneur Rayol, BP 1280  
Cotonou, Benin Republic  
**Account No. BJ062 01001 141100833701 43**

## **10.0 Application & Contact Address**

Candidate should send their applications and submit it to AFRIGIST at the address below on or before close of business on **15<sup>th</sup> September 2017**.

For further information, please contact:

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*Or*

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