

# Geospatial Intelligence Training

LOCATION: NASRDA HQ.

## 2011 SERIES

## DATES:

Intro. to Geographic Information Systems (GIS) Batch 3:

18th - 22nd July, 2011

Intro. to Remote Sensing Batch 1:

25th - 29th July, 2011

## Satellite Images Processing, Analysis & Interpretation Training for:



- Urban Planning, Development & Renewal
- Business Intelligence & Site Locations
- Geo-spatial Intelligence
- Security Monitoring & Surveillance
- Thematic Mappings
- Spatial Analysis & Decision Making
- Location-based Services providers
- Web Mapping Applications/Software developers etc.

## Applications of Geospatial Intelligence

- Environmental impact assessment
- Urban planning
- Cartography
- Criminology
- Archaeology
- Marketing
- Scientific investigations
- Prospectivity mapping
- Resource management
- Asset management
- Geographic history
- Logistics
- etc



**Course Fee: ₦ 82,500** per participant (VAT inclusive)

### Group Discount

- 5 or more participants from the same Organization - 5% Discount
- Armed Forces & National Security Agencies - Special Discount



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**NASRDA**



National Space Research & Development Agency

# Geo-spatial Intelligence

The National Space Research and Development Agency (NASRDA) through its commercial and consultancy division, is pleased to bring these series of customized Geo-spatial Intelligence training to you, as part of the Agency's mandate to promote the mass adoption and applications of space technology for sustainable development of the nation.

## CURRICULUM

### Introduction to GIS

- ◆ Overview of Geo-spatial Data
- ◆ GIS as a Tool for Geo-spatial Data Processing and Analysis
- ◆ Application of GIS and Geo-Mapping
- ◆ Introduction to Image Enhancement, Data Fusion, Features Extraction
- ◆ Introduction to GIS Software
  - ArcGIS
  - ILWIS

### Introduction to Remote Sensing

- ◆ What is Remote Sensing
- ◆ The Electromagnetic Spectrum
- ◆ Passive vs. Active Sensing
- ◆ Satellites and Sensors - On the Ground, In the Air, In Space
- ◆ Spatial Resolution, Pixel Size, and Scale
- ◆ Data Reception, Transmission, and Processing
- ◆ Image Interpretation and Analysis
- ◆ Digital Image processing
- ◆ Areas of Application of Remote Sensing

## Target Audience

GIS Professionals  
 Environmental Scientist/Engineers  
 Cartographers, Surveyors, Urban Planners  
 Estate Developers/Managers  
 Security Agencies  
 Oil/Gas/Minerals Explorations Professionals



## GEO-SPATIAL INTELLIGENCE TRAINING SCHEDULE JULY-DEC. 2011

Course Name	JULY	AUG	SEP	OCT	NOV	DEC
Intro. to GIS	18 - 22	22 - 26	12 - 16	10 - 14	14 - 19	10 - 14
Intro. to Mathlab						
GIS for Surveying & Cartography		2 - 6			28 - 12/2	
GIS for Urban Planning		2 - 6			28 - 12/2	
Geo-processing Scripting Using Pyton			15 - 20			
Intro. to Remote Sensing	25 - 29			3 - 7		

tear out



NASRDA



National Space Research & Development Agency

# Geo-spatial Intelligence

## Registration Form

**Please note:**

Registration closes 2 weeks before the start of the training.  
Payment of Course fee confirms registration.  
Photocopy of this Form is acceptable for registration.  
This Form is also available online at:

[www.geoappsplus.com](http://www.geoappsplus.com)

Please complete the form in Capital Letters.

Please mark "X" in the box of the Course you plan to attend:

- Introduction to Geographic Information Systems (GIS)
- Introduction to Remote Sensing

Title: (Mr. / Mrs. / Dr.): \_\_\_\_\_ Surname: \_\_\_\_\_

First Name: \_\_\_\_\_ Middle Name: \_\_\_\_\_

Sponsoring Agency/Company: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

E-mail: \_\_\_\_\_ Contact Phone: \_\_\_\_\_

### Course Fee per participant:

**N 82, 500.00** (VAT inclusive)

### Methods of Payment

#### Bank Payment:

Pay into our bank account using the following bank details:

Account Name: **GeoAppsPlus Ltd.**  
Account No: **0356001000000585**  
Bank: **Intercontinental Bank Plc**  
Bank Sort Code: **069083563**

#### Direct Payment:

Attach Bank draft drawn in favour of **GeoAppsPlus Ltd.** to your completed Form and submit at our Office address below.

→ Course Fee covers only Tuition, Course Materials, Light Refreshments and Course Completion Certificate (CPC)

→ Please attach a copy of your teller or receipt while submitting your Form

**For any other registration information, please call:**

**Emma:** 0803-787-2328

**Dan:** 0802-089-8891

**☎:** 09-8746997



Obasanjo Space Centre,  
Pyakasa Junction, Airport Road  
PMB 437, Garki,  
Abuja, Nigeria.



# National Space Research & Development Agency

Obasanjo Space Centre, Pyakasa Junction, Airport Road,  
PMB 437, Garki - Abuja FCT, Nigeria.

Please fill this form completely and return to the address below

## Personal Information

Name	
Contact Address	
Phone/ e-mail	
MDA/Company	
Emergency Contact	

## Experience: Geo-Spatial Intelligence/RS/GIS Skills Level

Knowledge and experience in Remote Sensing, Satellite Imageries Analysis, Processing & Interpretations.

Evaluate your skill level to identify areas you can work on.

Skills Area	Expert	Highly Skilled	Adequate	Marginal
Remote Sensing Theories	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Practical Image Processing, Analysis & Interpretations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cartography	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Geography/Urban Planning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Applications/GIS Software** List specific software applications that you know how to use:

Database	
GIS Software	
CAD/CAM	
Graphics	

## Education

Please provide information about your formal education and training.

Education	Field of Study
<b>Highest Degree:</b>	
<b>Other degrees:</b>	
<b>On-the Job Training/Courses related to GIS, Urban Planning, Geo-Spatial Intelligence, Remote Sensing, etc.</b>	

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I understand and accept the terms and conditions of my registration and participation at this programme / training.

Signed \_\_\_\_\_ Date \_\_\_\_\_

**GeoAppsPlus Ltd.**

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PMB 437, Garki, Abuja, Nigeria

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