



# UN-GGIM:Americas

REGIONAL COMMITTEE OF  
UNITED NATIONS  
ON GLOBAL GEOSPATIAL  
INFORMATION MANAGEMENT  
FOR THE AMERICAS

## Antigua & Barbuda Capacity Building Report 2016



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Global Geospatial Information Management

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# Content

Introduction

Activities

Future Achievements

Conclusions



## Introduction

- A GIS Specialist body was established to handle the organization of the NSDI platform in 2011
- NSDI Proposal was presented to Cabinet in 2012
- Environment Data Management Act passed in 2015  
promoting the EIMAS (Environmental Information Management Advisory System)
- Training held:
  - Data Standards - Environment Division - 2015
  - Cartography & Metadata - Survey & Mapping - 2016



# Activities

## Strengthening of Spatial Data Infrastructure in Antigua & Barbuda

### Capacity Building Programme

#### CARTOGRAPHY & METADATA TRAINING COURSE



#### COURSE INFORMATION

**Instructors:** Mr. Vernon Bird (Chief Surveyor) & Mr. Andrew Nurse  
**Duration:** 2 Days  
**Date:** April 18-19 2018  
**Location:** Fisheries Division Meeting Room, Point Wharf

#### **Objective:**

The Survey & Mapping Division is presenting a course that will focus on the fundamental principles of Cartography & Metadata and will teach how to create properly designed maps based on the audience and mode of delivery. You will learn how to follow a standard cartographic workflow to efficiently produce high-quality, easily interpreted maps for print and online use.

#### **At the end of the module, colleagues should be able to:**

1. Plan a cartographic project.
2. Choose appropriate data to support cartographic needs.
3. Create appropriate symbology, map elements, and layout designs for a given map project.
4. Create labels and annotation that are easy to read by the map's intended audience.
5. Produce cartographically sound maps for print and web delivery.

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# PARTICIPANTS

Agricultural Development Co-operation Antigua & Barbuda Defence Force

Antigua Meteorological Services

Antigua Public Utilities Authority

Central Board of Health

Community Development

Development Control Authority

Environment Awareness Group

Fisheries Division

Lands Division

National Office of Disaster Services

Ministry of Works & Housing

Statistics Division

Survey & Mapping Division



# Activities

## TRAINING DAY



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## Activities

### PRESENTATION: RPFAB



# Activities

## CERTIFICATION



# Activities

## PARTICIPANTS



# GIS CERTIFICATION AT UWI (St. Augustine)

Funded by the Government of Antigua & Barbuda, OECS & UWI

Development Control Authority

Lands Division

Survey & Mapping Division



## Future Achievements

### Capacity Development

## Second Capacity Building Course

### MAP DIGITIZATION

By Survey & Mapping Division

November 2016.



## Future Achievements

### Capacity Development

## PUBLIC AWARENESS

### National Spatial Data Infrastructure

By Ministry of Agriculture, Lands, Fisheries & Barbuda Affairs

November 2016.



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# Platform Synchronization (Environment Information Management System) EIMAS

Testing usage between two departments

November, 2016



## LIMITATIONS

- \* **Lack of hardware in some departments.**
- \* **Little or no Budget allocation for software licensing or upgrades.**
- \* **Lack of human resources with advance skills to cater to the department needs.**
- \* **Absence of a national data management protocol.**



## Conclusions

The Caribbean Mapping project lends a hand in setting geospatial standards across the region on related matters.

The Capacity building programme through the use of working groups have highlighted areas where improvements are necessary and are arriving at adaptable solutions.

Trainings done thus far has added to future training locally and so we in Antigua & Barbuda are thankful for the knowledge sharing across the region.

