

Course Outline

Regional Training Workshop 4: Editing and managing spatial data

Objective:

Participants will be introduced to basic principles of building, managing and editing spatial through the usage of advanced GIS software.

Content:

- Basic concepts on GIS data structure
- Building Geodatabases in ArcGIS;
- Data manipulation and editing techniques;
- Managing spatial data

Target Audience:

Technical officers with responsibility for building and managing spatial data in support of hazard mapping, hazard monitoring, emergency response, contingency, and risk mitigation

Duration: 3 days

Dates: August 22 - 24, 2011

Max. Number of participants: 25 persons (At least 2 from each R3i participating States)

Location: Renaissance Hotel, Curacao

Hours:

- Morning session 8:30 – 12:00
- Break 12:00 – 13:30
- Afternoon Session 13:30 – 17:00

During each morning and afternoon session there will be 1 small (15 Minute) break

Monday

Introduction / Course Goals

Introducing Map Layers

Managing Map Layers

Symbolizing categorical Data

Tuesday

Symbolizing Quantitative data (No Exercise, Slides & Demo Only)

Working with labels

Making a map layout

Investigating geographic data (No Exercise, Slides & Demo Only)

Using coordinate systems and map projections (No Exercise, Slides & Demo Only)

Managing tables

Wednesday

Editing features and attributes (Using data that users bring along)

Creating geodatabases and feature classes (Small Exercise, Slides & Demo)

Solving spatial problems with analysis (Using Data that users bring along)

Q&A / Demo / Certificates

Resources Required:

- Bring along: R3i Laptop with Preinstalled ArcGIS Desktop 10
- Provided on Site: Workbook which includes Slides, exercises and

Workshop facilitators

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