



GIS and GPS for Monitoring and Evaluation Training Course



22nd August to 26th August, 2022

ST. JOSEPH UNIVERSITY IN TANZANIA (SJUIT) Dar Es Salaam, Tanzania



Introduction.

GIS is a computer system capable of assembling, storing, manipulating and displaying geographically referenced information. GPS is a satellite based system for data collection, i.e. data identified according to their locations. This training will present a practical guide for using a geographic information system (GIS) integrated with Monitoring and Evaluation. The 5 days training is aimed at helping participants to monitor and evaluate the activities of specific projects intended to support M&E systems for sustainable programs and projects. The use of GIS in monitoring and Evaluation improves the effectiveness and communications of results to management, funding partners, and beneficiaries.

Target groups

The course is designed for representatives from government, project teams, NGOs, academic organizations, consultancies, Engineers, fishing industry, environmental managers, land officers, surveyors, agricultural extension officers, foresters, health officers etc., that are typically employed as project managers and directors, M&E specialists, technical specialists, and researchers.

Objectives of the Course:

- Understand key concepts in M&E, GPS and GIS and how to collect data using mobile phones and GPS
- Learn how to analyze, visualize and integrate M&E data with the aid of GIS and GPS techniques
- Discuss new technologies being adopted in project monitoring and evaluation



Contents

- An Overview of GIS, GPS and Monitoring and Evaluation
- New technologies being adopted in project M&E
- Spatial data collection technique for project management
- Visualizing project data
- GIS and GPS for M&E
- Updating data in the M&E system
- Preparing M&E reports/communicating results

Nature of Instructions: The course will be derived using theoretical lectures, demonstration and practical assignments

Training Venue: The training will be held at St. Joseph University in Tanzania (SJUIT), Kibamba - Mbezi

Benefits of a Course

- Understand and apply the key concepts of M&E and GIS.
- Learn how to collect data using mobile phones and GPS.
- Integrate existing M&E data with the GIS and GPS
- Develop a M&E-GIS System.
- Understand how to visualize M&E data with the aid of spatial analysis

Financial issues: The course fee is **Tsh 500,000/=** covers the course tuition, training materials, one break refreshments, lunch, and study visit. Accommodation is arranged upon request.

Applications should reach St. Joseph University in Tanzania (SJUIT), through the contact below on or before 17th August, 2022.

Contact

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