

Environmental Survey Skills

Kuala Lumpur (Malaysia)

22 - 26 July 2024

UK Training

PARTNER



Environmental Survey Skills

Code: HS28 From: 22 - 26 July 2024 City: Kuala Lumpur (Malaysia) Fees: 4400 Pound

Introduction

Welcome to the Environmental Survey Skills Course! This comprehensive program is designed to equip participants with the necessary knowledge and skills to conduct effective environmental surveys. Environmental surveys are crucial for assessing and monitoring the state of ecosystems, identifying potential risks, and developing appropriate conservation and management strategies. In this course, we will cover a range of topics related to environmental surveying techniques, methodologies, and data analysis, enabling you to become proficient in conducting surveys and contributing to environmental conservation efforts.

Objectives

- Understand the importance of environmental surveys in assessing and monitoring ecosystems.
- Learn about different types of environmental surveys and their applications.
- Familiarize yourself with survey planning, including site selection and data collection strategies.
- Acquire knowledge of various surveying techniques, such as vegetation sampling, biodiversity assessment, and water quality monitoring.
- Develop skills in data analysis and interpretation for effective reporting and decision-making.
- Gain insights into the ethical considerations and best practices associated with environmental surveying.
- Explore the integration of technology, such as GIS Geographic Information System, in environmental surveys.

Course Outline

Day 1

Introduction to Environmental Surveys

- Importance and objectives of environmental surveys
- Overview of key concepts and terminology
- Ethical considerations in environmental surveying

Day 2

Survey Planning and Design

- Site selection criteria and considerations
- Survey objectives and hypothesis development
- Sampling methodologies and techniques



Day 3

Field Techniques for Environmental Surveys

- Vegetation surveys and sampling methods
- Biodiversity assessment techniques, including species identification and abundance estimation
- Water quality sampling and monitoring

Day 4

Data Analysis and Interpretation

- Introduction to data management and quality control
- Statistical analysis of survey data
- Interpreting survey results and drawing meaningful conclusions

Day 5

Technology in Environmental Surveys

- Introduction to GIS and its applications in environmental surveying
- Remote sensing techniques for environmental monitoring
- Integrating technology and field data collection



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