

Introduction to GIS with QGIS



Basic training in working with geographic information systems using the free QGIS software.



Duration: 2 Days



Delivery: Online



Cost: POA



Spaces: 8 (*max)



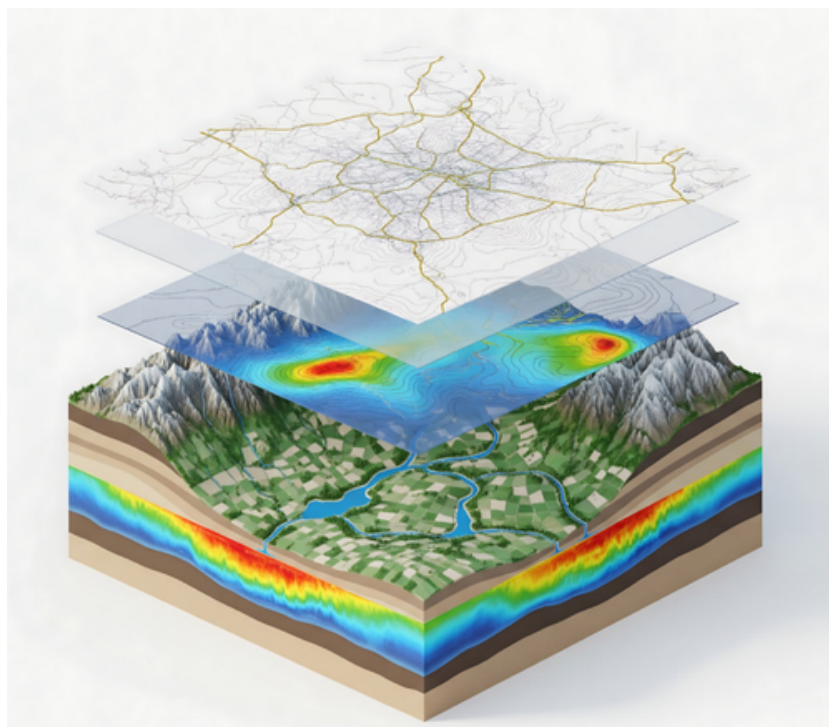
Training Format: Practical computer exercises



Software: QGIS



Training Level: Foundation



OVERVIEW

The Introduction to GIS with QGIS course provides a practical introduction to geographic information systems and spatial data analysis using QGIS. The training is designed for beginners who want to learn how to open, manage, visualise, edit and analyse spatial data in a clear and practical way.

Participants will learn the basic concepts of GIS, including vector and raster data, coordinate reference systems, attribute tables, map layers, styling, labels, georeferencing and map composition.

The course is based on practical exercises and real spatial datasets. By the end of the training, participants will be able to prepare simple GIS projects, create maps, edit spatial layers and export results for reports, presentations or further analysis.



WHAT WILL BE COVERED?

The course will be delivered through practical computer-based sessions and will cover

- Introduction to GIS and spatial data
 - QGIS interface and project structure
 - Adding vector and raster layers
 - Working with shapefiles, GeoPackage, GeoJSON, CSV and raster files
 - Coordinate reference systems and map projections
 - Attribute tables and basic data queries
 - Layer styling and symbology
 - Labels and map annotation
 - Basic spatial selection and filtering
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- Creating and editing vector layers
 - Working with plugins
 - Using basemaps and online map services
 - Preparing map layouts
 - Exporting maps to PDF, PNG and other formats
 - Good practice in organising GIS projects



ENTRY REQUIREMENTS

- Basic computer skills
- No previous GIS experience required
- Own laptop recommended



WHO SHOULD STUDY?

This course is designed for people who want to start working with spatial data but do not yet have experience with GIS software.

It is suitable for:

- students and researchers,
- environmental specialists,
- local administration staff,
- survey and monitoring teams,
- engineers and planners,
- beginners who want to learn QGIS.