

Fire Service Emergency Cover Training Programme

From Training4GIS



Background Course Guide





Background Course Guide

INTRODUCTION

In September 2006 The GeoInformation Group were awarded a contract by Communities and Local Government to write and deliver a new set of training courses for the FSEC Toolkit.

The new programme has been designed to provide a modular approach to learning the FSEC methodology and software.

The complete FSEC Toolkit training programme has been broken down into digestible chunks of learning, underpinned by a starter module called 'Background'; additional modules focus on key FSEC areas, such as Dwelling Fires, Other Buildings, Special Services and Major incidents.

COURSE LEVELS

Courses are aimed at three levels of user:

- Practitioners, those who press the software button to get the results,
- Team leaders, those who manage the process and the team involved in getting the results
- Chief Fire Officers, this is a 1 hr briefing on the benefits of FSEC and is not a course.

COURSE AVAILABILITY

Courses are now available from The GeoInformation Group and this document provides the details on the content of the Background Module.

Courses are being run at regional centres around the UK. To find out more about these centres and when your next course is please contact Linda Baron on 01223 88 00 77.



MODULE 3.1

BACKGROUND

AIM

To provide an introduction to the concepts and data used within the FSEC toolkit.

Time 2 days

Pre Requisite None

COURSE CONTENT

Session 1: Introduction

- FSEC Toolkit
- Risk Assessment
- FSEC Model
- FSEC Hierarchy
- FSEC Toolkit

Geographical Information Systems

- GIS
- What does a GIS do
- FSEC GIS
- How does a GIS work
- GIS data
- FSEC GIS data

Practical 1: Cost Analysis & FSEC Model Results

Session 2: Data & Software

- FSEC Workflow
- Risk Assessment Definitions
- Incident Data
- Fire Stations
- Road Junctions
- Vehicles
- Road Network
- Output Areas
- Displaying Data
- Navigating Data
- Geographic Queries

- Practical 2: Familiarisation with FSEC GIS**
- Session 3: Mapping**
Display
Symbology
Selecting
Labels
- Practical 3: Understanding Overlays**
- Session 4: Fire Stations, vehicles and Planning Scenarios**
Data
Incident Data
Fire Stations
Road Junctions
Modifying
Adding
- Practical 4: Fire Stations, vehicles and Planning Scenarios**
- Session 5: Road Networks**
Modifying Road Networks
Attributes to Road Networks
Road Junctions and Output Areas
Travel Time Matrix
Adding Nearest Junctions
- Practical 5: Introduction to Road Networks**
- Session 6: Querying**
Text Queries
Customised Queries
Exporting Results
Managing Results in Excel
- Practical 6: Data Queries and Excel**
- Session 7: Data Management**
FSEC Database Management
Data Storage
Cloning
Copying

Backups

Session 8: Printing and Exporting

Printing Maps

Exporting data

On attending this course each student will receive a course workbook including course notes, practical exercises and handouts. Notes received when attending subsequent courses will be added to the workbook to provide a full FSEC Toolkit training manual.

In addition each Fire & Rescue Service that sends a student on a course will be provided with additional tutorial notes to expand on the lectures and to offer a continued learning programme beyond the FSEC training.

For more information contact

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