

Fire Service Emergency Cover Training Programme

From Training4GIS



Dwelling Fires Course Guide





Dwelling Fires 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 Dwelling Fires 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 3.2

DWELLING FIRES

AIM

To provide a comprehensive review of the Dwellings Module within the FSEC Toolkit

Time: 1 day

Pre Requisite Module 3.1. Background or equivalent training.

COURSE CONTENT

Session 1: Introduction

FSEC Workflow
Dwellings Workflow
Dwellings Module
Risk Assessment Methodology
Socio Demographic Risk
Dwelling Risk

Practical 1: Dwelling Fires Results

Session 2: Methodology – Initial Stages

FSEC Hierarchy	Importing Data
Initial Stages	Fire Stations
Data	Modifying the Road Network
Incident Data	Travel Time Matrix
Exporting Incident Data	

Practical 2: Incident Data

Session 3: Dwelling Risk Areas

Dwelling Risk Areas	Automatic Creation
Output Areas	Checking Dwelling Risk Areas
Creating Dwelling Risk Areas	Editing Dwelling Risk Areas
Manual Creation	

Practical 3: Creating Dwelling Risk Areas

Session 4: Dwelling Risk Groups

Dwelling Risk Groups
 Dwelling Risk Group Methodology
 Initial Dwelling Risk Groups
 Manual Creation of Initial Dwelling Risk Groups
 Automatic Creation of Initial Dwelling Risk Groups

Practical 4a: Creating initial Dwelling Risk Groups

Robust v's Non Robust	Merging Non Robust with Non Robust
Completion of Dwelling Risk Groups	Merging Robust with Non Robust
Checking Dwelling Risk Groups	Non Robust Dwelling Risk Groups
Merging Dwelling Risk Groups	Merging Robust with Robust

Practical 4b: Merging Dwelling Risk Groups**Session 5: Editing Dwelling Risk Areas and Dwelling Risk Groups**

Completion of Dwelling Risk Groups
 Manual vs Automated
 Clearing Dwelling Risk Groups
 Editing Dwelling Risk Groups
 Updating Dwelling Risk Areas and Dwelling Risk Groups
 Completion of Dwelling Risk Groups

Session 6: Results

Final Stages
 Dwelling Risk Groups Fire Casualty Rates
 Dwelling Risk Areas Risk Factors
 Predicted Dwelling Fatality Rates per Output Area
 Summary

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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