



Flood risk management and modelling technical training courses

Training courses tailored to your specific needs

Halcrow understand that effective training enhances capabilities and enables you to get the most out of the software you use.

All of our training courses are flexible, tailored to your specific needs and can be run at your office or at one of our 98 offices worldwide. Our courses include:

- Overview of flood estimation and modelling
- Introduction to hydrology for flood modelling
- Introduction to ISIS
- Introduction to ISIS Mapper
- Introduction to flood forecasting with ISIS
- Advanced ISIS
- 2D modelling with TUFLOW
- Integrated 1D-2D modelling with ISIS-TUFLOW
- Flood Modelling with ISIS 2D
- Probabilistic flood modelling

The emphasis of our courses is on the provision of practical training provided by experienced practitioners who are all keen to pass on their extensive wealth of knowledge.

Who are we?

Halcrow was established in 1868 and specialises in the provision of professional planning, design and management services for infrastructure development worldwide. We are established in over 30 countries around the world, and provide services from a network of nearly 100 offices.

Halcrow sits on the cutting edge of current research and development in collaboration with world class academic and research establishments. Our training reflects the innovative nature of our software solutions, led by key practitioners in their fields.

What do our courses involve?

Our training courses cover various areas including the theory and practice of hydrology, hydraulics and flood risk management and the use of GIS. Our courses also cover various software tools including ISIS and TUFLOW and have been specifically developed to:

- Provide cost-effective and well-structured training
- Be run by a knowledgeable and specialist team
- Be flexible and tailored to client specific needs
- Be informal with a focus on interactive, practical based work in small groups.

All of our course presentations are backed up with comprehensive course notes, practical exercises and additional support material. All of this information is also provided on a USB memory stick for each course attendee to take away after the course, allowing it to be referred to at a later date.

Our courses are run as part of an open programme with scheduled dates at various venues throughout the UK. We also run bespoke, specifically tailored courses that are developed to meet your individual organisational requirements, at a venue and time suited to your exact needs.

January – June 2012

| Course | Jan | Feb | Mar | Apr | May | Jun |
|---|-----|-------|-------|-------|-------|-------|
| Overview of flood estimation and modelling | | 22 | | | | |
| Introduction to hydrology for flood modelling – FEH/ReFH | | | 6 | | | |
| Flood Modelling with ISIS 2D <i>(two days)</i> | | 14-15 | | 17-18 | | |
| Introduction to ISIS <i>(two days)</i> | | | 14-15 | | 15-16 | |
| Introduction to ISIS Mapper | | | | 25 | | |
| Introduction to flood forecasting with ISIS | | 3 | | | | |
| Advanced ISIS | | | | | 30 | |
| 2D modelling with TUFLOW <i>(two days)</i> | | | 28-29 | | | 20-21 |
| Integrated 1D-2D modelling with ISIS-TUFLOW | | | 29 | | | 21 |
| Probabilistic flood modelling | | | | | 24 | |

Glasgow

Leeds

London

Swindon

Scheduled training courses

Our courses are run across the UK at four Halcrow training venues including Glasgow, Leeds, London and Swindon. All of the courses are led by industry specialists and are excellent value for money. Everybody that attends a Halcrow training course will receive comprehensive course notes, practical exercises and additional support material.

Specifically tailored training courses

Our tailor made courses can be specifically designed to take into account the skills, experience and knowledge of those wishing to attend. The practical based work can also be carried out using your existing model data, which provides an aspect of familiarity and allows the course attendees to gain a better understanding of their work. Training courses can be run at your office or at one of our 98 offices worldwide.

Online learning for ISIS (www.isisuser.com)

Halcrow has developed www.isisuser.com, an online learning community for ISIS users. The website provides manuals, guides, support forums and other knowledge bases that enable new users to gain a basic understanding of the ISIS suite. ISIS Free can also be downloaded from the website, at no cost, and used for both training or commercial purposes.

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