Introduction to groundwater modelling

Intended audience

Hydrogeologists and groundwater professionals wishing to gain an understanding of the principles of groundwater flow modelling.

Course objectives

- To introduce attendees to the use of groundwater flow modelling and its application to aid the understanding of groundwater systems.
- To help attendees become competent in routinely using recharge, water balance and groundwater flow models to aid the understanding of groundwater systems.

Course description

An introduction to all aspects of groundwater flow modelling from recharge modelling, the creation of a water balance through to setting up and running a groundwater flow model.

The course includes:

- Conceptual models.
- Recharge.
- Urban processes.
- Agriculture losses.
- Run-off.
- Water balances.
- Model development.
- Numerical techniques.

Course duration 2 days

Delivery mode

Classroom-based course

Course fee £750

Course fee based on delivery at BGS's training centres

Date(s)

As required

Location

The course is available at BGS's Nottingham (Keyworth) or Edinburgh training centres, or at customer premises worldwide by arrangement (and subject to the availability of appropriately licenced software)