Introduction to groundwater

Intended audience
The course is suitable for any geoscientist with no or minimal knowledge of hydrogeology who wishes to gain an overview of groundwater occurrence and flow. The course is a shortened version of the ‘Introduction to Hydrogeology’ training course.

Course objectives
▪ To provide a basic introduction to hydrogeology.
▪ To provide an overview of the occurrence of groundwater and how groundwater systems work.
▪ To introduce methods used in hydrogeology.

Course description
This introductory course provides an overview of the main concepts of groundwater occurrence and flow and includes the following topics:
▪ The hydrological cycle.
▪ Aquifers, groundwater occurrence and flow.
▪ Hydrogeological techniques.
▪ Groundwater problems; resources and quality.