

HydroLogic

HydroLog4 Introduction

Duration: 1 day

Synopsis

This course acts as a general introduction to HydroLog4 and is an overview of the basic functions of the package, covering the principles hydrological time-series data management. All the core features of HydroLog4 are covered.

Prerequisites

None.

Outcomes

After taking this course, delegates should be aware of all the core features of HydroLog4. They should be able to use HydroLog4 for routine operations.

Content

The HydroLog4 Basic course includes an introduction to the data types used by HydroLog4 and a guided tour through many of HydroLog4 modules:

- Introduction, the concepts of recording stations and parameters.
- Data types and the database alias, RDB and archive data.
- Time series data types, Interval and Event data, the Recorded and Summary archives.
- Data quality and data quality codes.
- Station Manager: Adding editing & deleting information associated with recording stations.
- Imports: Bringing time series data into HydroLog4 from data files.
- Export: Exporting time series data to file.
- Dataset Explorer: Creating datasets and viewing archived data.
- Time Series Editor: Editing values in the time series archive.
- Reports: Creating HydroLog reports and standard listings.
- Site Navigator: Using the GIS that comes with HydroLog4 to view site locations and archived data.
- Using Database Builder to set up the TS_Demo alias and connect with live data.

Tuition uses a hands-on approach, with no more than six participants per tutor and two to every computer. The main features of each topic are explained using a projector, after which participants are able to follow the operations through on their own PCs. The HydroLog4 Basic course is an introduction to using HydroLog4. A more detailed understanding, practise and consolidation of each topic is provided in the Standard course.