

DATA-04 From sensor to screen - introduction to advanced data management

Objective: To obtain an improved understanding of the management of large flows of hydrological, hydraulic and/or environmental data

Contents:

- User requirements; scoping; network design
- Sensors and sensor characteristics
- Data transmission and routing - from sensor to end user; online processing and real-time presentation
- Data quality characteristics and quality control
- Data reduction and data mining - compression, extracts, synthesization
- Offline processing and presentation
- Reporting and dissemination
- A look into the future

Who should attend: Professional staff from the public and private sector who are involved (or have an interest) in monitoring and data-based operation and decision-support

Courseware: Selected slides and background documents as handouts and/or electronic files

Certification: Attendance certificate (subject to 80 percent attendance)

Duration: 2 lessons (2 hours each)

Costs: \$ 300 per participant (inclusive of GST)

A discount of 20 percent applies to 3 or more participants from the same organization in the same course

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