

WATER DISTRIBUTION SEMINAR

Practical approach to water supply and water distribution modeling using hydraulic models

Numerical modeling of water supply and distribution systems has become a standard and an inevitable practice in any serious attempt of evaluating hydraulic, water quality, and economic aspects of these complex systems. Well-suited models, including advanced technologies such as GIS and SCADA systems have become indispensable tools for water network managers.

This seminar is focused on the practical approach to the hydraulic modeling and development of integrated systems, which are used in the process of master planning, leakage management, system design and optimization of the system operation.

Various case studies will be presented during the seminar and participant will improve their skill in solving engineering problems using the hydraulic model, such as:

- ✓ How to develop working maps
- ✓ How to calibrate models
- ✓ How to use models to decrease leakage
- ✓ How to integrate models with GIS and SCADA
- ✓ How to analyze hydraulic transients

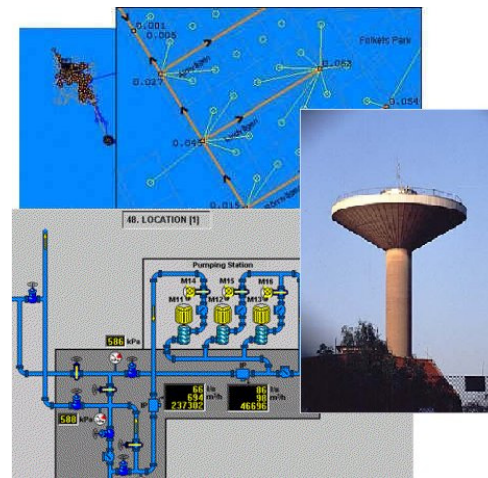
Who should attend?

Our seminar is designed for managers, engineers, and utility professionals who want to learn about the state of art of the water distribution modeling and the use of hydraulic models.

Lecturer



Petr Ingeduld is a senior project manager and hydraulic engineer with DHI Water & Environment & Health, with over 20 years professional experience in the development and application of water distribution models. Petr has many years of experience in development of mathematical models and algorithms used in water distribution, unsteady flow, and hydraulic transient modeling.



Venue:

DHI Water & Environment (S) Pte Ltd – 200 Pandan Loop
Pantech 21 #08-03

Date:

Before **14 June 2011**: Registration by email
juo@dhi.com.sg

16 June 2011, 1.30 – 5 PM: Seminar

Fee:

Free of charge. Complimentary snacks and refreshments will be served.