



HarmonIT

**OpenMI Training
Hørsholm, Denmark, 1st - 3rd March 2005**

Date: 1-3 March, 9am – 5pm

Venue: DHI – Water & Environment, Hørsholm, Denmark

Lecturers: Peter Sinding (DHI – Water & Environment)
Jan Gregersen (DHI – Water & Environment)

Objectives: The objectives of the training are to learn the concepts of OpenMI and to learn how to write OpenMI compliant software.

Prerequisites: The course assumes working knowledge of object oriented design and preferably working experience with C# or another object oriented language. If such experience is not available, a C# course is highly recommended before joining the OpenMI course.

Agenda

Day 1

9:00-12:00 An introduction to the OpenMI (plenary session)
12:00-13:00 Lunch
13:00-17:00 Programming exercise (part 1) (individual work)
The exercise consists of writing an OpenMI compliant rainfall-runoff model from scratch in C# using the OpenMI tools

Day 2

9:00-12:00 Programming exercise (part 2) (individual work)
12:00-13:00 Lunch
13:00-17:00 Programming exercise (part 3) (individual work)

Day 3

9:00-12:00 Example of a model migration (plenary session)
The example is a 1-D river model written in Fortran.
12:00-13:00 Lunch
13:00-17:00 Discussion, question time (plenary session)

During every morning and afternoon session there will be a tea and coffee break.