



## Scheduled courses in UK 2009

MIKE 21 Modelling in Marine renewable Energy	1 - 2 Sep 2009
MIKE FLOOD River Integrated 1D-2D river flood modelling with MIKE 11 & MIKE 21	13-14 Oct 2009
MIKE 21 and MIKE 3 Flow Models Introduction to hydrodynamics	21-22 Oct 2009
MIKE 21 and MIKE 3 Transport Models Introduction to transport modelling	23 Oct 2009
MIKE FLOOD Urban Integrated 1D-2D urban flood modelling with MU CS & MIKE 21	26-27 Nov 2009

For information on courses in the UK please contact  
Simon Matthews.

## Scheduled marine courses in Denmark 2009

Courses conducted in English

MIKE 21 & MIKE 3 ECO Lab 2D and 3D water quality and ecological modelling	8-9 Sep 2009
LITPACK Modelling long shore sediment transport and coastline evolution	15-16 Sep 2009
MIKE 21 & MIKE 3 Flow Models Introduction to hydrodynamic modelling	7-8 Oct 2009
MIKE 21 SW Spectral wave modelling	20-21 Oct 2009
MIKE 21 BW Wave disturbance modelling in ports	4-5 Nov 2009

....plus many more.

Please contact Loni Skov Madsen, [lsm@dhigroup.com](mailto:lsm@dhigroup.com),  
+45 4516 92 00 for courses in DK or our International  
Course Secretariat: [courses@dhigroup.com](mailto:courses@dhigroup.com)

Global course calendar  
[www.dhigroup.com/Software/Training.aspx](http://www.dhigroup.com/Software/Training.aspx)

You can register through

our local representation in the UK at e-mail:  
[sm@dhigroup.com](mailto:sm@dhigroup.com) or by phone - see details below.

### Requirements

There will be opportunities for hands-on, so bring a  
laptop (up to date Windows, Vista or XP operating  
system).

### Fee

1,000 Euro for 2 days, lunch and refreshments  
included. The fee also includes a 1-month  
evaluation licence for MIKE 21 HD and MIKE 21 SW.

\*Service and Maintenance Agreement (SMA) discount of 10% is  
available and applicable to valid SMA licences. One participant per  
valid SMA licence only

### Venue

- Edinburgh. Exact location to follow.



### Course Organiser



DHI UK representation:  
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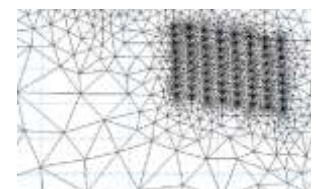
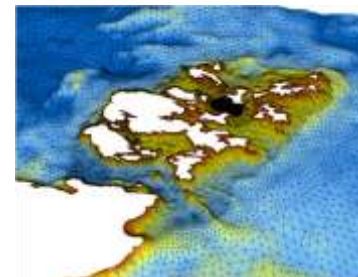
## MIKE 21 Short Course

### *Modelling in Marine Renewable Energy*

24 - 25 June 2009 &

1-2 September 2009

Edinburgh



*Modelling in Marine Renewable Energy*

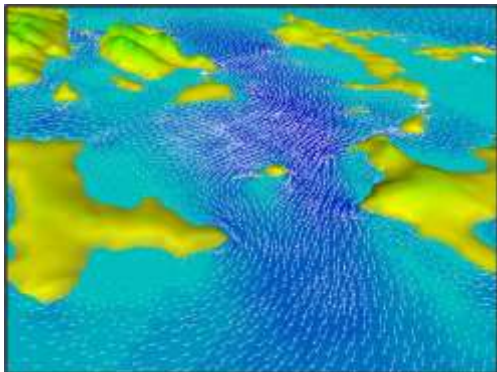
DHI is presenting a 2-day introductory course to MIKE 21 focusing on flow and wave modelling with emphasize on application in the marine renewable energy sector.

DHI's state-of-the-art models contributes to the development of marine renewable energy installations and offshore wind farms. The models can provide metocean design data and be instrumental in assessing environmental impacts from the installations.

Are you working with design, assessment or operation of marine renewable energy devices at a professional level, the MIKE by DHI software suite offers a solid and efficient toolbox for modelling of tides, current and waves.

The course will enable you to set up and run MIKE by DHI models for tidal currents and wave climate and to carry out and present, at a professional level, analyses of wave and tidal power.

The course will focus on MIKE 21 Flow Model and the MIKE 21 Spectral Wave model.



Dates

Wed June 24 9:30-16:30 & Thu June 25 8:30-15:30  
or  
Tue Sep 19:30 - 16:30 & Wed Sep 2 8:30 - 15:30

Day 1

*Morning*

- ◆ Introduction to the MIKE Zero tools
- ◆ Preparations: Mesh generation and data handling

*Afternoon*

- ◆ Introduction to hydrodynamic modelling, theoretical background and modelling principles
- ◆ Modelling of tidal currents, hands on example
- ◆ Mapping of tidal potential

Day 2

*Morning*

- ◆ Introduction to spectral wave modelling, theoretical background and modelling principles
- ◆ Modelling of coastal waves, hands on example

*Afternoon*

- ◆ Modelling of coastal wave climate
- ◆ Assessment of wave energy potential
- ◆ Wrap-up



Instructor:  
Ole Svenstrup Petersen, M.Sc., PhD. Ole has 15 years of experience in modelling coastal and metocean processes at DHI and has been leading many modelling projects and given many courses.

Building your expertise

To invest in the best tools is one thing. To learn how to make the best possible use of them is another.

MIKE Software Courses offer a systematic approach for anyone who wants to invest in expanded capabilities within water modelling.

Nobody is a better trainer than an experienced practitioner, and the DHI people running the training courses are all highly experienced modellers. They know the tools and know how to apply them in your part of the world and they are always prepared to share their knowledge with you.

Our courses are run by our best experts— in your language and in your region!