



6
FEB

WEBINAR

THE ACADEMY
by DHI

MIKE 21 MOORING ANALYSIS (MA)

Introduction to evaluation and optimization of vessel mooring

This free, one hour webinar, introduces you to the fundamentals of dynamic mooring analysis and gives you an introduction on how to set up a moored ship in a port subject to environmental forcings such as waves, currents and wind. The course will also help you assessing vessel motions, fender and line forces, which is of utmost importance when planning for port design and operations.

MIKE 21 Mooring Analysis (MA) is the latest member of the MIKE 21 modeling suite, extending the applicability of MIKE towards port operations. MIKE 21 MA is a valuable assistant in the designing ports and increasing operational efficiency.

TOPICS

- Introduction to mooring analysis
- Theoretical background and application areas of MIKE 21 MA
- Frequency response of a moored vessel
- Convergence of a moored vessel
- Generation of external forcings (e.g. waves)
- Processing and interpretation of results
- Visualization of vessel movements in 3D

FACILITATOR

DALE KERPER

Dale Kerper has more than 25 years of experience performing engineering studies in the marine, coastal, estuarine and riverine environments. Specific areas of expertise are within physical and numerical modeling of hydrodynamics (water levels, currents and waves), salinity, temperature, sediment transport, and dambreak flood modeling, and moored vessel response to metocean forcing, passing ship wake and landslide generated tsunami.



See also our
[Coast and Marine Course Catalogue](#)

ORGANIZER

DHI US

TIME AND LOCATION

The webinar will take place on
Tuesday, February 6, 2018
16:00-17:00 UTC (see local time [here](#))

WEBINAR FEE

Participation in webinar is free of charge.

WEBINAR LEVEL

Beginner

DEADLINE FOR REGISTRATION

Deadline for registration is Friday,
February 2, 2018 on
<https://www.theacademybydhi.com/course-sessions/mike-21-mooring-analysis-41600019-16>

LOGON DETAILS

Please see attached Technical Note.

FURTHER INFORMATION

Jennifer Mathers
Marketing Director & ACADEMY Manager
+1 720 386 5858 Telephone
jjma@dhigroup.com

DHI US

141 Union Blvd. Suite 250
Lakewood, CO 80228
+1 303 937 4488 Telephone
info.us@dhigroup.com
worldwide.dhigroup.com/us



ATTENDING WEBINARS IS EASY AND FUN

Every webinar software works in different ways. The following information will guide you through the overall steps that you need to go through when you attend one of our webinars.

How does it work?

REGISTERING FOR A WEBINAR

Please register **48 hours** before the start of the webinar. When you register for a webinar you will be asked to provide some information with your contact details. Following the registration you will receive a confirmation email and later on logon details for the webinar.

JOINING A WEBINAR

When you receive the email with the logon details, please follow the instructions carefully. It is recommended to log in to the meeting 5-10 minutes before the meeting starts. Please note that the time of the webinar is held at a certain time in a specific time zone. The time and time zone is specified along with the information on the specific webinar. You can always look the local time here:

<http://www.timeanddate.com/worldclock/>

During the presentation you can adjust the volume on your computer speakers to ensure you can hear well. If you plan to attend the webinar by phone you will not be able to see the screen - you will only be able to listen to the presentation.

Your firewall may pose some restrictions, so please check with your IT department before joining the webinar if possible.

If you encounter problems or have questions, please feel free to contact mike@dhigroup.com