

18 APR WEBINAR

THE ACADEMY  
by DHI

## MIKE 3 WAVE FM

Perform accurate wave calculations without the usual limitations

This free, one-hour webinar will introduce you to the new MIKE 3 Wave FM module, an advanced modelling application that can help you calculate wave transformation processes quickly and accurately. We will demonstrate how the module covers fully nonlinear, fully dispersive surface gravity waves and ambient flow which is a major advantage over traditional wave modelling applications in the market. See how it uses flexible (i.e. unstructured) computational meshes providing the basis for detailed multi-disciplinary models. We will demonstrate the main benefits of the MIKE 3 Wave FM module: Easy interfacing with other MIKE products, existing MIKE 21 BW setups can be converted to MIKE 3 Wave FM model setups and there will be no more need for external tools calculation porosity (like in MIKE 21 BW). The natural porosity of the structures can be used directly

### TOPICS

- Wave transformation
- Intra-gravity
- Overtopping and coastal flooding
- Wave interaction with porous 3D structures

### FACILITATOR

#### DALE KERPER

Dale Kerper has more than 29 years of experience performing engineering studies in the marine, coastal, estuarine and riverine environments. Specific areas of expertise are physical and numerical modeling of hydrodynamics (water levels, currents and waves), oil spill, passing vessel wake, tsunamis, salinity, temperature, sediment transport, multi-body vessel mooring response and dam break flooding. Mr. Kerper has extensive experience applying DHI's MIKE 3, MIKE 21, MIKE HYDRO River and MIKE FLOOD.



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

### ORGANIZER

DHI US

### TIME AND LOCATION

The webinar will take place on Thursday April 18, 2019  
16:00-17:00 UTC (12pm EST)  
See UTC converter [here](#)

### WEBINAR FEE

Participation in webinar is free of charge.

### WEBINAR LEVEL

All levels

### DEADLINE FOR REGISTRATION

Deadline for registration is Thursday April 11, 2019

<https://www.theacademybydhi.com/course-sessions/mike-3-41600019-34>

### LOGON DETAILS

Outlook invitation containing the webinar link will be sent out at the latest 1 day prior to webinar date.

### FURTHER INFORMATION

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