



## BATHING WATER QUALITY AND EARLY WARNING SYSTEMS

How to improve bathing water management with focus on human health

This two-day, thematic course provides an overview of the most important parts of the European Bathing Water Directive and gives an introduction to real life cases of good management of bathing water and different early warning methods. The course includes a field trip to relevant beaches/ sites in Denmark.

Recreational use of water can deliver important benefits to health and well-being. Yet, there may also be adverse health effects associated with recreational use if the water is polluted or unsafe. Clean water is essential to ensure the health and safety of the bathers.

Good bathing water management is the key to minimise health risks while maximising the recreational value as well as the revenue of bathing waters. The European Bathing Water Directive sets the standard for the management of the bathing waters of rivers, lakes and coastal water with focus on people's health.

### COURSE TOPICS

- Introduction to bathing water quality and human health
- The European Bathing Water Directive
- Management of bathing water - strategies and tools
- Stakeholders and information needs
- Dynamic early warning systems
- Case studies of the implementation of online bathing water forecast systems in Denmark and Sweden
- A one-day field trip to relevant beaches/sites in Denmark

### TARGET GROUP AND PREREQUISITES

Regional and local water bodies, tourism boards, professional bodies and engineering companies, city planners, urban water utilities and authorities in general that work with topics related to bathing water quality and tools for the management of safe bathing waters.

### THE ACADEMY BY DHI

THE ACADEMY offers a palette of courses and capacity building packages designed to fit your needs and challenges. We offer standard and/or tailored training - face-2-face as well as online.

**MIKE Powered by DHI** courses focus on practical skills, hands-on exercises and teaching you how to get the most out of your software. These courses also enable you to understand the power of the MIKE tools for building decision support systems.

**Thematic courses** allow you to apply concepts, applications and decision support principles to the entire business process within current areas: aquaculture and agriculture, energy, climate change, flooding, coast and marine, surface and groundwater, urban water, industry, environment and ecosystems, product safety and environmental risk, etc.

**Our trainers** are experienced professionals, many of whom are recognised international experts in their fields. The use of highly skilled trainers guarantees the quality of THE ACADEMY courses.

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