

International ECO Lab trainers



Mr Jesper Dorge is based in our DHI Denmark head office. However Mr Dorge is highly familiar with Australian conditions having worked in Australia in connection with the Pimpama Estuary Ecological Study carried out on behalf of the Gold Coast Council. The role of the Water Quality Expert is to ensure a high quality of all water quality model work and full integration of model results into the impact assessment. Mr Dorge has managed the water quality and ecological impact assessment components of three major environmental studies in Asia-Pacific over the period 2003 to present and is thus highly familiar with the complexities of the tropical and sub-tropical environment. He has more than 15 years experience with mathematical modelling and environmental impact assessment.

Dr Karin Ulstrup is a senior scientist and has more than six years experience with examining and understanding responses of coastal ecosystems to environmental change. Dr Ulstrup has scientific and technical expertise in identification of suitable bioindicators and to assess the impact of key environmental stressors. Dr Ulstrup developed several Ecolab templates for assessing water quality on marine biota. Specifically, she has constructed an ecological model designed to simulate effects of reduced light and elevated levels of suspended materials and sedimentation on tropical reef building corals.



MIKE 21 & MIKE 3 ECO Lab Course

2D and 3D Water Quality and Ecological Modelling (3 days total)

This 3-day course teaches the participant in the fundamentals of ecological modelling and gives you an introduction how to develop your own ecosystem models using ECO Lab and integrate this to a MIKE Hydraulic model. Application examples using predefined ecosystem descriptions (DHI supported ECO Lab templates) of water quality are also examined. The course provides the participant with a good basis for using ECO Lab to obtain accurate spatial predictions of aquatic ecosystem response. The course is intended for professionals in environmental engineering and management in the public or private sector working with inland water bodies or coastal areas. The participants should have a background in applied water quality aspects and/or biology.

REGISTER NOW!

Please note: ECO Lab training with the international trainers is only one day out of the three days total.

**For further information on our software visit www.dhigroup.com
or email support.aus@dhigroup.com**