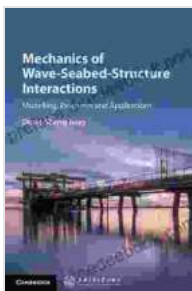


# Modelling Processes and Applications - Cambridge Ocean Technology

Cambridge Ocean Technology is a world-leading provider of coastal and ocean modelling solutions. Our models are used by governments, consultancies, and industry worldwide to inform decision-making on a wide range of coastal and ocean management issues.



## Mechanics of Wave-Seabed-Structure Interactions: Modelling, Processes and Applications (Cambridge Ocean Technology Series Book 7) by Kyra Halland

★★★★☆ 4.4 out of 5

Language : English  
File size : 32571 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting : Enabled  
Print length : 673 pages



Our modelling capabilities cover a wide range of processes, including:

- Hydrodynamics
- Sediment transport
- Water quality
- Ecology
- Coastal engineering

- Ocean engineering
- Environmental modelling
- Climate change modelling
- Sea level rise modelling
- Storm surge modelling
- Wave modelling
- Tidal modelling
- Oil spill modelling

Our models are used to address a wide range of coastal and ocean management issues, including:

- Coastal protection
- Flood risk management
- Water quality management
- Ecosystem management
- Climate change adaptation
- Oil spill response

Our modelling team has a wealth of experience in applying coastal and ocean models to a wide range of real-world problems. We work closely with our clients to ensure that our models are tailored to their specific needs.

If you are facing a coastal or ocean management issue, we encourage you to contact us to discuss how our modelling capabilities can help you.

## **How We Can Help**

We offer a range of modelling services to meet the needs of our clients.

These services include:

- Model development
- Model calibration and validation
- Model application
- Model training
- Model support

We also offer a range of training courses on coastal and ocean modelling.

These courses are designed to provide participants with the skills and knowledge needed to use our models effectively.

To learn more about our modelling services and training courses, please visit our website or contact us directly.

## **Our Team**

Our modelling team is composed of a group of highly skilled and experienced scientists and engineers. Our team members have a wide range of expertise in coastal and ocean modelling, and they are passionate about using their knowledge to help our clients solve real-world problems.

Our team is led by Dr. Robert Nicholls, a world-renowned expert in coastal and ocean modelling. Dr. Nicholls has over 30 years of experience in developing and applying coastal and ocean models to a wide range of problems. He is a Fellow of the Royal Society and a member of the Intergovernmental Panel on Climate Change (IPCC).

Our team also includes Dr. David Reeve, a leading expert in sediment transport modelling. Dr. Reeve has over 20 years of experience in developing and applying sediment transport models to a wide range of problems. He is a Fellow of the Royal Academy of Engineering and a member of the International Association for Sedimentation and River Engineering (IASRSE).

Our team is committed to providing our clients with the highest quality modelling services and support. We are always available to answer questions and provide guidance on how to use our models effectively.

## **Our Clients**

Our clients include governments, consultancies, and industry worldwide. We have worked on a wide range of projects, including:

- The Thames Estuary 2100 project
- The Greater London Authority's Thames Tideway Tunnel project
- The Environment Agency's Severn Estuary Flood Risk Management Strategy
- The World Bank's Nile Delta Coastal Protection Project

- The Intergovernmental Panel on Climate Change's (IPCC) Fifth Assessment Report

Our clients value our expertise in coastal and ocean modelling, and they trust us to provide them with the best possible advice on how to manage their coastal and ocean resources.

## Contact Us

To learn more about our modelling services and training courses, please visit our website or contact us directly.

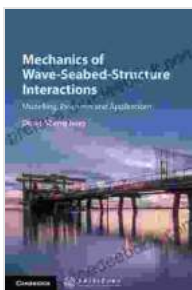
We are always happy to answer questions and provide guidance on how to use our models effectively.

We look forward to hearing from you.

**Address:** Cambridge Ocean Technology, 74-76 Newmarket Road, Cambridge, CB5 8DZ, UK

**Phone:** +44 (0)1223 366555

**Email:**



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