

Coasts, Marine Structures and Breakwaters 2013: From Sea to Shore - Meeting the Challenges of the Sea

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About the Book

The ICE Coasts, Maritime Structures and Breakwaters conference series, sponsored by the ICE for over thirty years, is the leading forum for the presentation of the latest developments in coastal and maritime engineering.

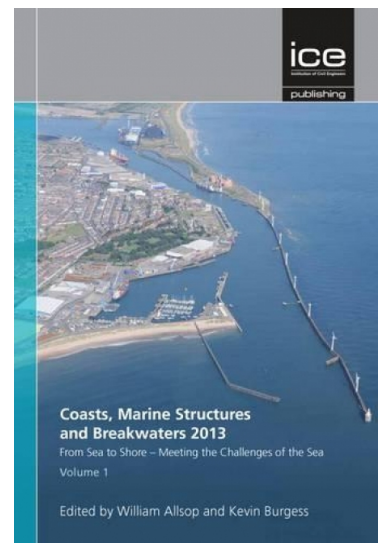
The tenth conference, *From Sea to Shore – Meeting the Challenges of the Sea*, was the largest in the history of the series attracting over 450 delegates and 130 papers across 3 plenary and 27 parallel sessions. In addition, these proceedings retain the tradition of including full discussions from each session.

Whilst retaining the historical coverage on shoreline structures and coastal processes, the conference extended the marine energy theme with emphasis on the civil and coastal engineering interface such as fluid loadings, resource modelling and interactions with the environment.

The papers, presented across two volumes, are divided into three streams:

- The first stream covers topics such as breakwater design, construction, armouring, overtopping and lessons from historical structures.
- The second stream tackles beaches, coastal structures, processes and erosion, coastal protection structures and environment schemes, shoreline management and flood forecasting.
- The third stream explores hydrodynamics, wave structure interactions, numerical and physical modelling, new test facilities and techniques, and renewable energy schemes.

With contributions from industry and academia and a wide range of case studies including the UK, Italy, Pakistan and Hong Kong, *From Sea to Shore – Meeting the Challenges of the Sea* provides an invaluable reference for engineers and researchers in the field today and for many years to come.



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