

ESTUARINE AND COASTAL MODELING

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CONFERENCE

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EDITED BY
Malcolm L. Spaulding, Ph.D., P.E.



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Foreword

This conference represents the 11th in a biennial series to explore the development, testing, application, calibration, validation, and visualization of predictions from estuarine and coastal models. Application of models to problems in hydrodynamics, water quality, and sediment transport were presented. There were a substantial number of papers highlighting the advancement of modeling capabilities for storm surge and coastal inundation and now/forecasting. Attendance at the meeting was 125 and included representatives from both the US and many foreign countries. Participants were predominantly government and academic engineers and scientist, but also included a significant number of industry professionals.

As for the earlier conferences in the series, the goal of the present conference was to bring together a diverse group of model developers, users, and evaluators to exchange information on new directions in the field and the current state-of-the-art and practice in marine environmental modeling. The primary focus was on development of new models and the application of models to bays, sounds, lagoons, estuaries, embayments, bights, and coastal seas. The models were addressed at solving engineering and environmental impact assessment problems and also at better understanding circulation and pollutant transport in near shore waters. Model applications to address regulatory requirements for facility siting and operation were also presented.

The conference included 20 oral sessions and 1 poster session, held over the two and one half day meeting period. Papers from both poster and oral sessions are included in the conference proceedings. Each paper in the proceedings was presented at the meeting, subjected to at least three or four external peer reviews, and accepted, if appropriate and after revision, by the proceedings editor.

The enthusiastic support and assistance of the Organizing and Advisory committees, whose names are listed below, are acknowledged. We welcome new Organizing Committee members Richard Signell and David Schwab. Joseph Pittle, University of Rhode Island Conference and Special Programs Development Office, managed the conference and contributed greatly to its success. Thanks are also extended to the many other individuals who generously served as session chairs and reviewers.

ORGANIZING COMMITTEE:

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Thanks are also due to Martha Simoneau who updated and maintained the conference web site.

Planning is currently in progress for the 12th International Estuarine and Coastal Modeling Conference (ECM 11) to be held in St Augustine, Florida in November 2011.

Malcolm L. Spaulding
Narragansett, RI
Conference Chairman
April 2010

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