

1. Record Nr.	UNINA9910826068403321
Titolo	Asian and Pacific Coasts 2003 : proceedings of the 2nd International conference : Makuhari, Japan, 29 February - 4 March 2004 // editors, Yoshimi Goda, Wataru Kioka, Kazuo Nadaoka
Pubbl/distr/stampa	River Edge, N.J., : World Scientific, 2004
ISBN	1-281-89904-6 9786611899042 981-270-304-7
Descrizione fisica	1 online resource (305 pages)
Altri autori (Persone)	GodaYoshimi <1935-> KiokaWataru NadaokaKazuo
Disciplina	333.917095 551.46/14
Soggetti	Coasts - Asia Geology, Structural - Pacific Ocean Oceanography - Pacific Ocean
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Preface; CONTENTS; Climate Change and Sea-Level Rise: Challenges to Coastal Science and Engineering N. Mirnura; A New Tsunami Numerical Simulation with Boussinesq-Type Equations Applied for the 1983 Nihonkai-Chubu Earthquake Tsunami H. Iwase and F. Imamura; Hydraulic Experiments and Numerical Model of Two-Layer for a Landslide-Induced Tsunami Y. Shigihara, D. Goto and F. Imamura; Study on the Evaluation of Tsunami Reducing by Coastal Control Forest for Actual Conditions K. Harada and F. Imamura; Study on the Accuracy of the Tsunami Numerical Model around Obstacles S.J. Hong and F. Imamura Flood in Jakarta - Lessons Learnt from the 2002 Flood S. Dipoaptono, W.A. Pratikto and A. Mano; Precise Nearshore Currents Model Using Sigma Coordinate System H. Nobuoka and N. Mimura; An Application of a Nesting Procedure to a Highly-Resolved Current Simulation in a Mangrove Area Y. Nihei, K. Sato, Y. Aoki, T. Nishimura and K. Nadaoka;

Numerical Simulation of Wave Propagation in the Water Area of the Yangtze River Estuary H. Wang, Q. Zuo and J. Pan; Visualization of Tidal Oscillation in the Taiwan Strait W. J. Juang, M. C. Lin and C. C. Chiang
A Nonlinear Coupled Numerical Model for Astronomical Tides and Storm Surge Numerical Simulation of the Storm Surge in River Changjiang's Estuary Y. Tan and J. Zhang; Wave Propagation over Slowly Varying Depth with the Presence of Weak Currents M.C. Lin, C.M. Hsu and C.L. Ting; Regional Ocean Tide Simulator: Simulation of Barrier Effects B.H. Choi, J.H. Yuk and H.S. Lee; Field Observation of Waves near the Shoreline and Its Analysis K. Seki and M. Mizuguchi; Experimental Study on Bottom Shear Stress under Sawtooth Wave Suntoyo, H. Tanaka and H. Yamaji
A High-Resolution Numerical Scheme for Boussinesq Equations X. Yu; Modified Boussinesq Model on Uneven Bottom B. Wang, H. Liu, L. Xue and Y. He; Some Considerations of Refinement of a Boussinesq Equation and Its Verification S. Onda, T. Hosoda and I. Kimura; A Quasi-3D Numerical Shallow Water Model Based on FVM S. Li and L. Lu; An Analytic Solution of the Mild-Slope Equation for Scattering by a Truncated Conical Shoal H. W. Liu, P.Z. Lin and N. Jothi Shankar; Transient Free-Surface Waves due to a Suddenly Stopping Body D.Q. Lu and A.T. Chwang
Comparison and Characterization of Bottom Mounted Wave Directional System T. Nagai, N. Hashimoto, A. Lohrmann, M. Mitsui and S. Konashi; Laboratory Experiments on the Effects of Mechanically Generated Waves on the Core Flow under Wind Waves S. Mizuno; Generation of Incident Random Waves in Numerical Extended Mild-Slope Equation Models Using a Source Function Method G. Kim, C. Lee and K.D. Suh; Simulation of Wave Overtopping on Partially Immersed Breakwater by SPH Model S. Shao, H. Gotoh and T. Memita; Numerical Model of Wave Breaking by Lagrangian Particle Method with Sub-Particle-Scale Turbulence Model H. Gotoh, M. Hayashi, T. Sakai and K. Oda

Sommario/riassunto

This book presents the experience of coastal and port engineering development, as well as coastal environmental problems, in Asian and Pacific countries. It also provides information and promotes technological progress and activities, international technical transfer and cooperation, and opportunities for engineers and researchers to maintain and improve scientific and technical competence. The subject areas are not limited to the classical topics of coastal engineering but are extended to related fields, including environments, marine ecology, coastal oceanography, fishery, etc.
