| Record Nr. | UNINA9910451317103321 |
|-------------------------|---|
| Titolo | Asian and Pacific Coasts 2003 [[electronic resource]] : 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, c2004 |
| ISBN | 1-281-89904-6 9786611899042 981-270-304-7 |
| Descrizione fisica | 1 online resource (305 p.) |
| Disciplina | 333.917095 551.46/14 |
| Soggetti | Coasts - Asia Geology, Structural - Pacific Ocean Oceanography - Pacific Ocean Electronic books. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| 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. Diposaptono, W.A. Pratikto and A. ManoPrecise 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 Mangrovo Area Y. Nibei K. Sato Y. Acki, T. Nishimura and K. Nadaoka; |

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| | 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. ZhangWave 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. YuModified 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. KonashiLaboratory 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 Breaking by Lagrangian Particle Method with Sub-Particle-Scale Turbulence Model H. Gotoh, M. Hayashi, T. Sakai |
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| Sommario/riassunto | and K. Oda 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. |