Technical Papers

Tsunami Loads on a Representative Coastal Bridge Deck: Experimental Study and Validation of Design Equations
Tao Xiang, Denis Istrati, Solomon C. Yim, Ian G. Buckle and Pedro Lomonaco

Mini-Tsunami Made by Ship Moving Across a Depth Change
John Grue

Spatial Topographic Interpolation for Meandering Channels
Vo Quoc Thanh, Dano Roelvink, Mick van der Wegen, Le Xuan Tu, Johan Reyns and Vo Thi Phuong Linh

Experimental Study on Influence of Pile Wall on Flow Field Around Pile-Supported Wharf
Jian-Jun Huang, Guo-Ping Chen and Qian Yu

Development of a Probabilistic Framework for Debris Transport and Hazard Assessment in Tsunami-Like Flow Conditions
Jacob Stolle, Ioan Nistor, Nils Goseberg and Emil Petriu

Study on the Self-Sustaining Inlet Boundary Conditions for Numerical Simulation on Local Scour
Peng Yu, Junfeng Liu and Zewen Sun

Impacts of Muddy Bed Aggregates on Sediment Transport and Management in the Tidal James River, VA
David W. Perkey, S. Jarrell Smith, Kelsey A. Fall, Grace M. Massey, Carl T. Friedrichs and Emmalynn M. Hicks

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Abhinav Prakash, Vijay Panchang, Yu Ding and Lewis Ntaimo

Estimation of Water Column Surface Displacement of a Fixed Oscillating Water Column by Simple Mechanical Model with Determination of Hydrodynamic Parameters via Physical Experimental Model
Anıl Çelik and Abdüsselam Altunkaynak

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Fuat Kara

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Han Liu, Ning Ma and Xie-Chong Gu

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Russell O. Mayall, Ross A. McAdam, Richard J. S. Whitehouse, Harvey J. Burd, Byron W. Byrne, Steven G. Heald, Brian B. Sheil and Phillipa L. Slater

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Christopher H. Lashley, Jeremy D. Bricker, Jentsje van der Meer, Corrado Altomare and Tomohiro Suzuki

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Z. Yan, X. P. Sun, Z. X. Yang and D. F. Fu

Numerical Simulation of Turbidity Current in Approach Channels with a Closed End
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Case Studies

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Raghavendra G. Patil and M. C. Deo

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Ganesh Raj Ghimire, Bruce A. DeVantier and Sanjib Sharma

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Andrew Kennedy, Andrew Copp, Matthew Florence, Anderson Gradel, Kurtis Gurley, Matt Janssen, James Kaihatu, Douglas Krafft, Patrick Lynett, Margaret Owensby, Jean-Paul Pinelli, David O. Prevatt, Spencer Rogers, David Roueche and Zachariah Silver

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