

ISOPE-2014 Coastal Engineering Sessions *Call For Papers*

We would like to invite the colleagues, who are interested in any areas in coastal engineering, to submit high quality original papers to the ISOPE2014 coastal engineering sessions. Coastal engineering has been playing a great role in our safe and comfortable coastal lives. Deeper, wider and more well-assembled understanding on hydraulic, environmental, structural, material and geotechnical phenomena is necessary for the optimal combination of the disaster prevention, environmental conservation and utilization under the future climate change. This conference will be also a good opportunity to remember lessons from recent coastal disasters such as one in Busan and Masan by Typhoon Maemi in 2003.

Proposed Sessions	Key Words
(a) Coastal hydrodynamics	Numerical modeling (Coastal wind, Deepwater wave to harbor tranquility, Tide, Storm surge, River discharge, Density layers; Nonlinearity, Dispersibility, Coupling model, Data assimilation), Field observation, Wave and tidal statistics (Port working rate, Extremes, Potential energy, Spatial/temporal variations, Climate change effects on waves and tide, Design criteria for structures).
(b) Coastal structures	Experiments and numerical modeling of and around structures (Breakwater, Revetment, Submerged obstacle, Floating body; Wave and current force, Overtopping, Scouring and backwash, Wave-current-structure-seabed interaction, Ship wave), System design (Performance-based design, Optimization, Climate change impacts), Maintenance, Innovative technologies.
(c) Coastal erosion, sediment transport and ecosystem	Numerical modeling (River discharge, Nearshore wave, Rip current, Wave-induced liquefaction, Littoral drift, Shoreline and sandbar change, Shoaling of fairway, Chemical substance in water, Ecosystem; Coupling model, Data assimilation), Monitoring technology and database, Long-term trend and extreme event, Artificial beach.
(d) Coastal risk and future development	Lessons learned from disasters, Risk assessment and mitigation/prevention strategies, Future development and management plan (New construction, Reconstruction, Ecological design, Life cycle management), Climate change effects on risk and adaptation works.
Tsunami and Safety	See the symposium call-for-papers.

We also welcome papers of good quality related to additional coastal engineering topics not listed here.

All papers accepted following peer-review will be published in ISOPE conference proceedings indexed by Engineering Index (EI). High-quality papers may be selected for further review for publication on The International Journal of Offshore and Polar Engineering, indexed by Science Citation Index.

Deadlines

Abstract: 20 October 2013
 Manuscript for Review: 15 January 2014
 Final Manuscript: 24 March 2014

Please email abstracts to any organizer below or submit online at:

<http://www.isopec.org/call4papers/2014/HowToSubmitAbstractOnline.htm>

Abstracts MUST include the contact author's full postal address, telephone and fax numbers, and e-mail address to facilitate communications. Update on ISOPE-2014 will be posted at <http://www.isopec2014.org>

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