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Proceedings of the 2012 ASCE International Conference on Computing in Civil Engineering

Edited by R. Raymond Issa, Ph.D., J.D., P.E. and Ian Flood, Ph.D.

ASCE

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EDITED BY
R. Raymond Issa, Ph.D., J.D., P.E., F.ASCE
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Preface

Welcome to Clearwater Beach! It is our pleasure to organize the 2012 International Conference on Computing in Civil Engineering.

This year, we have received many high quality papers. The Workshop has accepted 81 papers from 12 countries in four subject areas, 1) novel engineering, construction and management technologies, 2) design, engineering and analysis, 3) sustainable and resilient infrastructure, and 4) cutting edge development. These papers are the result of a rigorous peer review process starting from the over 140 abstracts we received. Each abstract and each paper were assigned to at least two reviewers. Only the outstanding papers are collected in the proceedings. These papers are also a genuine representation of the very best research being conducted in this community.

We would like to thank the Rinker School of Building Construction and the Conference Department at the University of Florida for their support. The ASCE Technical Council on Computing and Information Technology and its subcommittees have provided guidance and assistance in helping make the conference a success.

Enjoy your stay in Clearwater Beach! Don't miss the beach and the sunshine!

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2012 ASCE International Conference on Computing in Civil Engineering

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