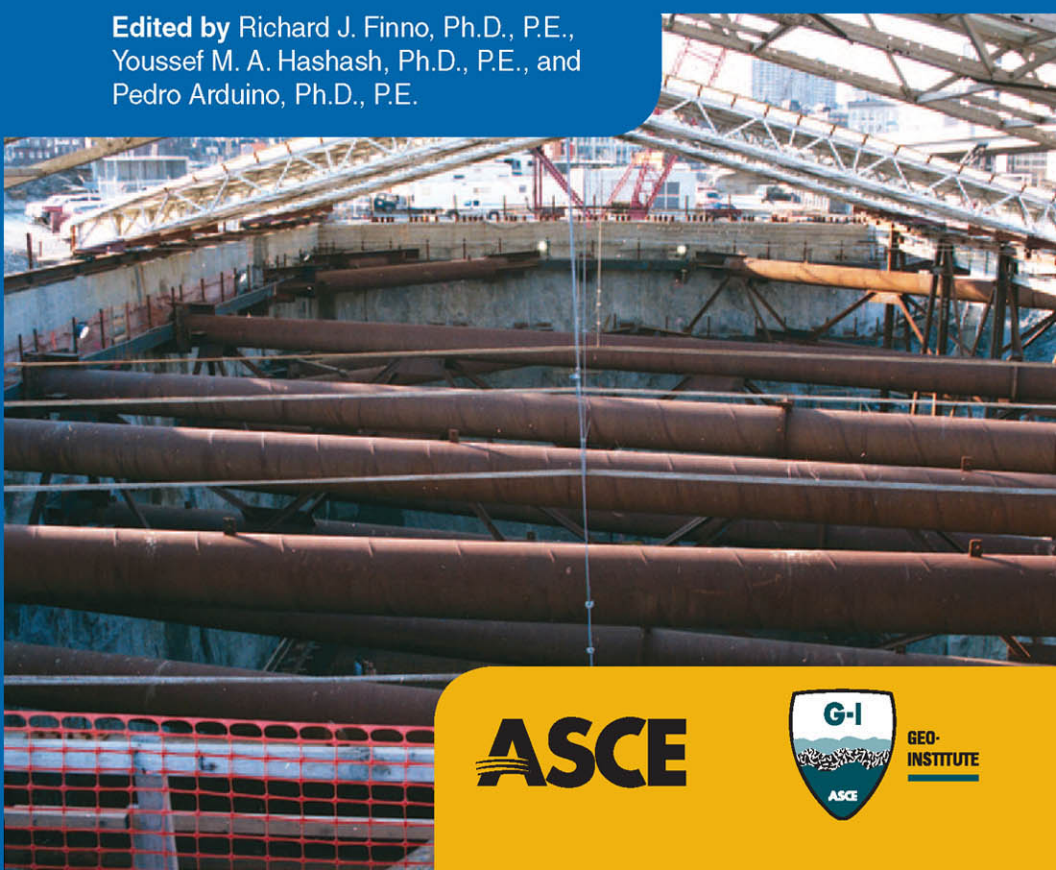
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Earth Retention Conference 3

Proceedings of the 2010 Earth Retention Conference

Edited by Richard J. Finno, Ph.D., P.E., Youssef M. A. Hashash, Ph.D., P.E., and Pedro Arduino, Ph.D., P.E.



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EARTH RETENTION CONFERENCE 3

PROCEEDINGS OF THE 2010 EARTH RETENTION CONFERENCE

August 1–4, 2010
Bellevue, Washington

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EDITED BY
Richard J. Finno, Ph.D., P.E.
Youssef M. A. Hashash, Ph.D., P.E.
Pedro Arduino, Ph.D., P.E.

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Preface

The 2010 Earth Retention Conference (ER2010) is the third in a series of conferences on earth retaining structures organized by the Earth Retaining Structures Committee of the Geo-Institute of ASCE. Held at 20-year intervals, ER2010 follows the highly successful earth retention conferences held in Ithaca, New York (1990) and (1970). The objective of the conference and the related proceedings is to review major developments in the design and construction practice of earth retaining structures worldwide over the past 20 years.

The conference organizing committee consisted of the following members who were responsible for the planning and execution of the conference:

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Lauren E. Tighe, Board and Meetings Specialist, Geo-Institute of ASCE

Stacey Ann P. Gardiner, CMP, Geo-Institute Conference Manager

A general call for abstracts was issued in the summer of 2009. Of the submissions made in response to this call, 72 papers were accepted and 38 abstracts/papers were declined. Each submission was reviewed by at least two reviewers. Internationally known experts were invited to cover specific topics of interest and contributed an additional 21 invited papers. All 93 papers published in the proceedings are eligible for ASCE awards.

Youssef M.A. Hashash
Conference Chair

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Richard J. Finno, M. ASCE
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Pedro Arduino, M. ASCE
Proceedings Editors

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