





# **RECENT RESEARCHES in HYDROLOGY, GEOLOGY and CONTINUUM MECHANICS**

**6th IASME / WSEAS International Conference on CONTINUUM  
MECHANICS (CM '11)**

**6th IASME / WSEAS International Conference on WATER  
RESOURCES, HYDRAULICS & HYDROLOGY (WHH '11)**

**5th IASME / WSEAS International Conference on GEOLOGY and  
SEISMOLOGY (GES '11)**

**Cambridge, UK  
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Published by WSEAS Press

[www.wseas.org](http://www.wseas.org)

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All papers of the present volume were peer reviewed by two independent reviewers. Acceptance was granted when both reviewers' recommendations were positive.  
See also: <http://www.worldses.org/review/index.html>

ISSN: 1792-8370

ISSN: 1792-8397

ISSN: 1792-8419

ISBN: 978-960-474-275-2



World Scientific and Engineering Academy and Society

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**Preface**

This year the 6th IASME / WSEAS International Conference on CONTINUUM MECHANICS (CM '11), the 6th IASME / WSEAS International Conference on WATER RESOURCES, HYDRAULICS & HYDROLOGY (WHH '11) and the 5th IASME / WSEAS International Conference on GEOLOGY and SEISMOLOGY (GES '11) were held in Cambridge, UK, February 23-25, 2011. The conferences remain faithful to their original idea of providing a platform to discuss solid mechanics, fluid mechanics, gas mechanics, strength of materials, energy applications, transportation theory, water resources management, measurement tools, wetland creation and restoration, mitigation of water resources, wetland and stream functional assessment, water and sediment budgeting, non-point source pollution quantification, water pollution control and water systems, computational hydraulics, hydrologic and coastal processes, coastal erosion, historical geology, palaeontology, physical geography, geochemistry, rock mechanics applied to geology etc. with participants from all over the world, both from academia and from industry.

Their success is reflected in the papers received, with participants coming from several countries, allowing a real multinational multicultural exchange of experiences and ideas.

The accepted papers of these conferences are published in this Book that will be indexed by ISI. Please, check it: [www.worldses.org/indexes](http://www.worldses.org/indexes) as well as in the CD-ROM Proceedings. They will be also available in the E-Library of the WSEAS. The best papers will be also promoted in many Journals for further evaluation.

Conferences such as these can only succeed as a team effort, so the Editors want to thank the International Scientific Committee and the Reviewers for their excellent work in reviewing the papers as well as their invaluable input and advice.

The Editors





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