

Open Journal of Civil Engineering





www.scirp.org/journal/ojce

Journal Editorial Board

ISSN Print: 2164-3164 ISSN Online: 2164-3172 http://www.scirp.org/journal/ojce/

Editorial Board

Prof. Fabio Bisegna	Sapienza University of Rome, Italy
Prof. Kiyoshi Kobayashi	Kyoto University, Japan
Dr. Navid Nastar	University of Southern California, USA
Prof. Low Sui Pheng	National University of Singapore, Singapore
Dr. Nicola Pugno	Politecnico di Torino, Italy
Prof. Mohammed Raoof	Loughborough University, UK
Dr. Marcus P. Rutner	Weidlinger Associates, Inc., USA
Dr. Rehan Sadiq	University of British Columbia, UK
Dr. Evangelos J. Sapountzakis	National Technical University of Athens, Greece
Dr. Zhi Sun	Tongji University, China
Prof. Francesco Ubertini	Università di Bologna, Italy
Prof. Hong Yuan	Jinan University, China
Prof. Hong Yuan	Jinan University, China

Editorial Assistant

Tian Huang

Scientific Research Publishing, USA Email: ojce@scirp.org

Open Journal of Civil Engineering, 2011, 1, 7-12 Published Online December 2011 in SciRes (http://www.SciRP.org/journal/ojce/)



TABLE OF CONTENTS

Volume 1 Number 2

December 2011

Open Journal of Civil Engineering (OJCE)

Journal Information

SUBSCRIPTIONS

The *Open Journal of Civil Engineering* (Online at Scientific Research Publishing, www.SciRP.org) is published quarterly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$39 per issue. To subscribe, please contact Journals Subscriptions Department, E-mail: sub@scirp.org

SERVICES

Advertisements Advertisement Sales Department, E-mail: service@scirp.org

Reprints (minimum quantity 100 copies)

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA. E-mail: sub@scirp.org

COPYRIGHT

Copyright©2011 Scientific Research Publishing, Inc.

All Rights Reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, scanning or otherwise, except as described below, without the permission in writing of the Publisher.

Copying of articles is not permitted except for personal and internal use, to the extent permitted by national copyright law, or under the terms of a license issued by the national Reproduction Rights Organization.

Requests for permission for other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works or for resale, and other enquiries should be addressed to the Publisher.

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assumes no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact: E-mail: ojce@scirp.org



Scientific Research



Open Journal of Civil Engineering

ISSN Print: 2164-3164 ISSN Online: 2164-3172 http://www.scirp.org/journal/ojce/

Open Journal of Civil Engineering (OJCE) is an international journal dedicated to the latest advancement of civil engineering. The goal of this journal is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in different areas of civil engineering.

Subject Coverage

All manuscripts must be prepared in English, and are subject to a rigorous and fair peer-review process. Accepted papers will immediately appear online followed by printed hard copy. The journal publishes original papers including but not limited to the following fields:

- Coastal Engineering
- Construction Engineering
- Earthquake Engineering
- Environmental Engineering
- Geotechnical Engineering
- Hydraulic Engineering
- Materials Engineering
- Municipal or Urban Engineering
- Structural Engineering
- Surveying
- Transportation Engineering

We are also interested in: 1) Short Reports—2-5 page papers where an author can either present an idea with theoretical background but has not yet completed the research needed for a complete paper or preliminary data; 2) Book Reviews—Comments and critiques.

Notes for Intending Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically through the website. All papers are refereed through a peer review process. For more details about the submissions, please access the website.

Website and E-Mail

http://www.scirp.org/journal/ojce