ISSN: 2169-9623 Volume 6, Number 2, May 2017



Open Journal of Earthquake Research



Journal Editorial Board

ISSN Print: 2169-9623 ISSN Online: 2169-9631 http://www.scirp.org/journal/ojer

.....

Editor-in-Chief

Prof. Masashi Hayakawa	Hayakawa Institute of Seismo Electromagnetics Co., Ltd., Japan
------------------------	--

Editorial Board

Dr. Jalal Akbari	Malayer University, Iran
Prof. Carlos Chastre	NOVA University of Lisbon, Portugal
Prof. M. T. A. Chaudhary	Imam Muhammad bin Saud University, Saudi Arabia
Prof. Salvatore De Lorenzo	University of Bari, Italy
Dr. Domenico M. Doronzo	University of Bari, Italy
Dr. Vincenzo Gattulli	Università dell'Aquila, Italy
Dr. Dragomir K. Gospodinov	Plovdiv University, Bulgaria
Dr. Raja R. Hussain	King Saud University, Saudi Arabia
Dr. Arzu Kocabas	Mimar Sinan Fine Arts University, Turkey
Dr. Fabrizio Mollaioli	Sapienza University of Rome, Italy
Dr. Abbas Moustafa	Minia University, Egypt
Prof. Junwon Seo	Iowa State University, USA
Prof. Halil Sezen	The Ohio State University, USA
Dr. Gloria Terenzi	University of Florence, Italy
Prof. Theodoros M. Tsapanos	Aristotle University of Thessaloniki, Greece
Prof. R. B. S. Yadav	Kurukshetra University, India



Table of Contents

Volume 6 Number 2 May 2017 Ten Years of the Central Italy Electromagnetic Network (CIEN) Continuous Monitoring 73 C. Fidani, D. Marcelli. 73 Converting Tsunami Wave Heights to Earthquake Magnitudes 73 N.-A. Mörner. 89 A Comparison of Saudi Building Code with 1997 UBC for Provisions 89 A Comparison of Saudi Building Code with 1997 UBC for Provisions 98 Electrical Conductivity and Aftershock Activity in Seismically Active Region 98 S. K. Begum. 117

Open Journal of Earthquake Research (OJER) Journal Information

SUBSCRIPTIONS

The *Open Journal of Earthquake Research* (Online at Scientific Research Publishing, <u>www.SciRP.org</u>) is published quarterly by Scientific Research Publishing, Inc., USA.

Subscription rates: Print: \$59 per issue. To subscribe, please contact Journals Subscriptions Department, E-mail: <u>sub@scirp.org</u>

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: <u>sub@scirp.org</u>

COPYRIGHT

Copyright and reuse rights for the front matter of the journal:

Copyright © 2017 by Scientific Research Publishing Inc. This work is licensed under the Creative Commons Attribution International License (CC BY). http://creativecommons.org/licenses/by/4.0/

Copyright for individual papers of the journal:

Copyright © 2017 by author(s) and Scientific Research Publishing Inc.

Reuse rights for individual papers:

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

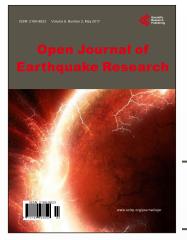
Disclaimer of liability

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 assume 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: ojer@scirp.org





Open Journal of Earthquake Research

ISSN Print: 2169-9623 ISSN Online: 2169-9631 http://www.scirp.org/journal/ojer

Open Journal of Earthquake Research (OJER) is an open access journal published quarterly. 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 all aspects of earthquake research.

Subject Coverage

All manuscripts must be prepared in English, and are subject to a rigorous 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:

- Earthquake Engineering Base isolation and vibration control Dynamic properties of soil Earthquake-resistant design Infrastructure risk assessment Lifeline earthquake engineering Nonstructural components Seismic analysis of structures Seismic code development Seismic site effects Seismic soil-structure interaction
- Earthquake Risk Management Casualty and loss estimation Emergency planning and disaster relief Insurance and financial risk Lessons from past earthquakes Partnership model for risk reduction Policymaking and land use planning Precautionary measures Preparedness for earthquakes Public education and awareness Recovery and reconstruction
- Seismology Earthquake early warning Earthquake ground motions Earthquake prediction Earthquake-induced tsunami Historical seismicity Intensity measures Measuring and locating earthquakes Plate tectonics and faulting Seismic hazard Source characterization

Notes for Intending Authors

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.

Website and E-mail

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

E-mail: ojer@scirp.org

What is SCIRP?

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science with its publication.

What is Open Access?

Art and Design Review

Advances in

dvances in Biological bemistry Entomolog

Applied Mathematics

Engineering

nii ili a

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, worldwide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience



Soft

Website: http://www.scirp.org Subscription: sub@scirp.org Advertisement: service@scirp.org