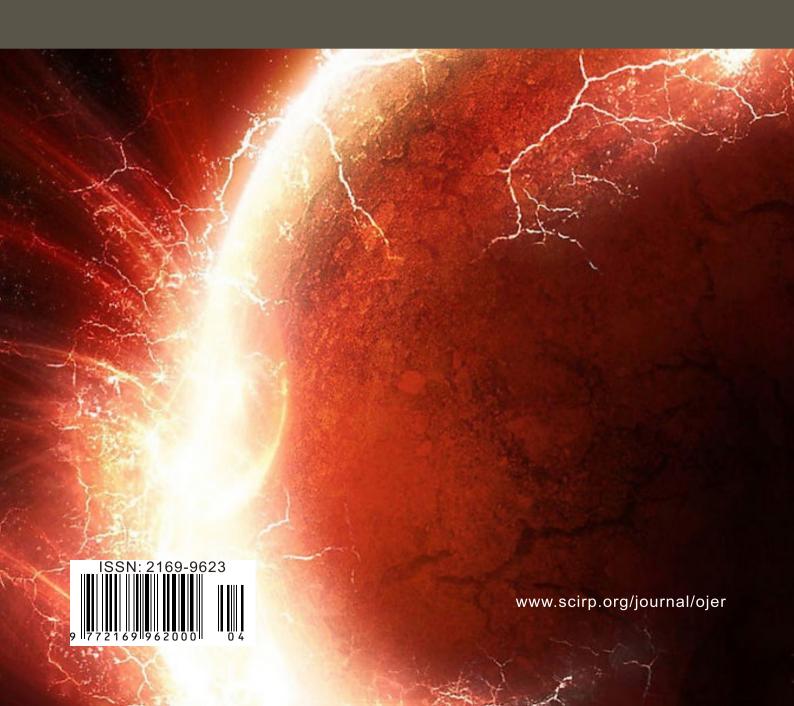




# Open Journal of Earthquake Research



# **Journal Editorial Board**

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

Prof. Theodoros M. Tsapanos Aristotle University of Thessaloniki, Greece

Prof. R. B. S. Yadav Kurukshetra University, India



Volume 5

Number 4

ISSN Online: 2169-9631 ISSN Print: 2169-9623

**November 2016** 

# **Table of Contents**

# 

## Open Journal of Earthquake Research (OJER) Journal Information

#### **SUBSCRIPTIONS**

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

#### Subscription rates:

Print: \$59 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 and reuse rights for the front matter of the journal:

Copyright © 2016 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 © 2016 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

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?

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





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