



Open Journal of Geology





Journal Editorial Board

ISSN 2161-7570 (Print) ISSN 2161-7589 (Online)

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

.....

Editor-in-Chief

Prof. Zhihong Wang Chinese Academy of Sciences, China

Editorial Board

Prof. Md. Mahmudul Alam Kyoto University, Japan

Dr. Ranjith Pathegama Gamage Monash University, Australia

Prof. Alexandra Guedes University of Porto, Portugal

Prof. Mohamed Tahir Hussein King Saud University, Saudi Arabia

Prof. Ali Ihsan Karayigit Hacettepe University, Turkey

Prof. Gang Li Chinese Academy of Sciences, China

Dr. Tranos D. MarkosAristotle University of Thessaloniki, Greece

Dr. Mostafa Tantawy Mohamed Assiut University, Egypt

Prof. Gopalakrishnarao Parthasarathy CSIR-National Geophysical Research Institute, India

Prof. Ian P. Skilling University of Pittsburgh, USA

Prof. Alireza K. Somarin Brandon University, Canada

Prof. Juan R. Tejerina University of Cantabria, Spain

Dr. Ergün Tuncay Hacettepe University, Turkey

Prof. Shunshan Xu National University of Mexico, Mexico

Prof. Xiaoli Yang Central South University, China

Prof. Hong Zheng Chinese Academy of Sciences, China

Number 4

Volume 6



April 2016

Table of Contents

| Investigating the Effect of Relative Width on Momentum Transfer between Main Channel and Floodpl in Rough Rectangular Compound Channel Sunder Varius Relative Depth Condition | ain |
|--|------|
| S. Bahadori, M. B. Askar | .225 |
| Lineament Patterns and Mineralization Related to Alteration Zone by Using ASAR-ASTER Imagery in Hize Jan-Sharaf Abad Au-Ag Epithermal Mineralized Zone (East Azarbaijan—NW Iran) | |
| S. Khosroshahizadeh, M. Pourkermani, M. Almasian, M. Arian, A. Khakzad | .232 |
| Application of Multi-Attribute Crossplots to Tight Gas in X Area, Western China | |
| L. F. Cheng, Y. C. Wang, Z. G. Li, F. Li, F. X. Gong | .251 |
| A Preliminary Documentation of the Coral Reefs from Libya | |
| B. Khameiss, W. Hoyt, S. K. El Ebaidi, A. M. Muftah, J. Klaus, A. Budd | .260 |
| Renovation and Rehabilitation Strategies for Worn-Out Texture of Ab-Anbar-No District in Sari Using SWOT Technique | |
| A. A. Nakhi, N. Ahmari, S. Rezaei | .270 |

Open Journal of Geology (OJG)

Journal Information

SUBSCRIPTIONS

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

Subscription rates:

Print: \$79 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 $\ensuremath{\mathbb{Q}}$ 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: ojg@scirp.org





Open Journal of Geology (OJG)

ISSN: 2161-7570 (Print) ISSN: 2161-7589 (Online)

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

Open Journal of Geology (OJG) is an international journal dedicated to the latest advancement of geology. 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 geology.

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:

- Earth Science
- Economic Geology
- Engineering Geology
- Environmental Geology
- Geoarchaeology
- Geochemistry
- Geochronology
- Geodetics
- Geography
- Geological Modelling
- Geometallurgy
- Geomicrobiology

- Geomorphology
- Geomythology
- Geophysics
- Glaciology
- Historical Geology
- Hydrogeology
- Meteorology
- Mineralogy
- Mining Geology
- Oceanography
- Paleoclimatology
- Paleontology

- Petroleum Geology
- Petrology
- Petrophysics
- Plate Tectonics
- Sedimentology
- Seismology
- Soil Science
- Speleology
- Stratigraphy
- Structural Geology
- Volcanology

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/ojg E-mail: ojg@scirp.org