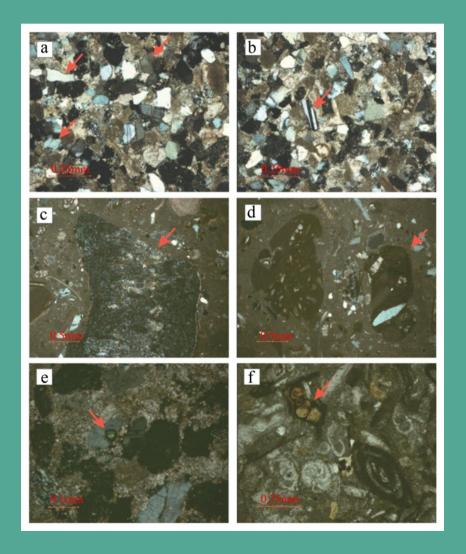




# Open Journal of Geology





### **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. Markos**Aristotle 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



# **Table of Contents**

Volume 6 Number 6 June 20	16
Hydrological Analysis and Ability Assessing of Flood Gating of Karaj Watershed According to the Form of the Watershed	
A. Talari, R. Gholizadeh	341
Facies Analysis, Depositional Environment and Diagenetic Features of the Qom Formation in the Saran Semnan, Central Iran	
F. Karami-Movahed, M. Aleali, P. Ghazanfari	349
Analyzing the Revitalization Strategies of Historical Fabric with the Approach of Endogenous Development Case Study (1, 2 & 3 Regional of Zahedan City)	
M. H. Rezazade, R. I. Rad, F. Hashemzehi	363
Studying Subsidence Coefficient of Mirages and Dynamic Storage Volume of Karstic Springs of Khorram Abad, West of Iran	
V. Milad, M. R. Ahmadipour, R. Z. Sahamiyeh	372
Hydrocarbon Trap and Folding Style of the Pishvar Anticline, Sub-Coastal Fars, Zagros	
N. Hajnorouzi, M. Pourkemani, Z. Maleki	376
Petrography and Mineralography of Emarat Lead and Zinc Deposit (South Arak)	
S. Khani, A. Khakzad, M. Safari, A. Solgi	387
Porosity and Rock-Typing in Hydrocarbon Reservoirs Case Study in Upper Member of Dalan Formation in Kish Gas Field, South of Zagros, Iran	
AA. Irajian, K. Bazargani-Guilani, R. Mahari, A. Solgi	399
Soft Sediment Deformation Structures in the Maastrichtian Patti Formation, Southern Bida Basin Nigeria: Implications for the Assessment of Endogenic Triggers in the Maastrichtian Sedimentary Record	
S. O. Olabode	<b>‡10</b>
Facies Interpretation, Depositional Environment and Sequence Stratigraphy of the Gachal Formation in the Madbeiki Section, Kalmard Block, East Central Iran	
S. Erfani, M. H. Adabi, M. R. Majidifard, N. K. Ghadimvand	139
Micro-Bio Stratigraphy of Asmari Formation in Mamoolan Stratigraphy Section, Sout of Khorramabad	
P. Rajabi4	159

#### Open Journal of Geology, 2016, 6, 341-551

Published Online June 2016 in SciRes. <a href="http://www.scirp.org/journal/ojg">http://www.scirp.org/journal/ojg</a>



Evaluation of the Contributing Factors in Development and Zoning Karst in Palangan Zone by Using Fuzzy Logic and ANP	
M. Maghsoudi, H. Ganjaeian, Arashtalari, K. Amani	.468
Analysis Neotectonic Activities in Khafr Basin	
A. A. Lari, M. Ansari, S. Ansari	.484
Investigating the Impress of the Active Tectonics and the Rate of Fractures in Ilam Formation, Fars Area, SW Iran	
R. Poursoltani, M. Pourkermani, K. Yazdjerdi, M. Almassian	.498
Identifying the Conjunction of Exploration Factors in the Tafresh Area That Lead to Present Three Potential Areas for Au and Cu Deposits	
A. Shahhosseini, L. Hosseina	.516

#### Open Journal of Geology (OJG)

#### **Journal Information**

#### SUBSCRIPTIONS

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

#### **Subscription rates:**

Print: \$79 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: <a href="mailto:sub@scirp.org">sub@scirp.org</a>

#### **SERVICES**

#### Advertisements

Advertisement Sales Department, E-mail: <a href="mailto:service@scirp.org">service@scirp.org</a>

#### 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



## Call for Papers

# 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