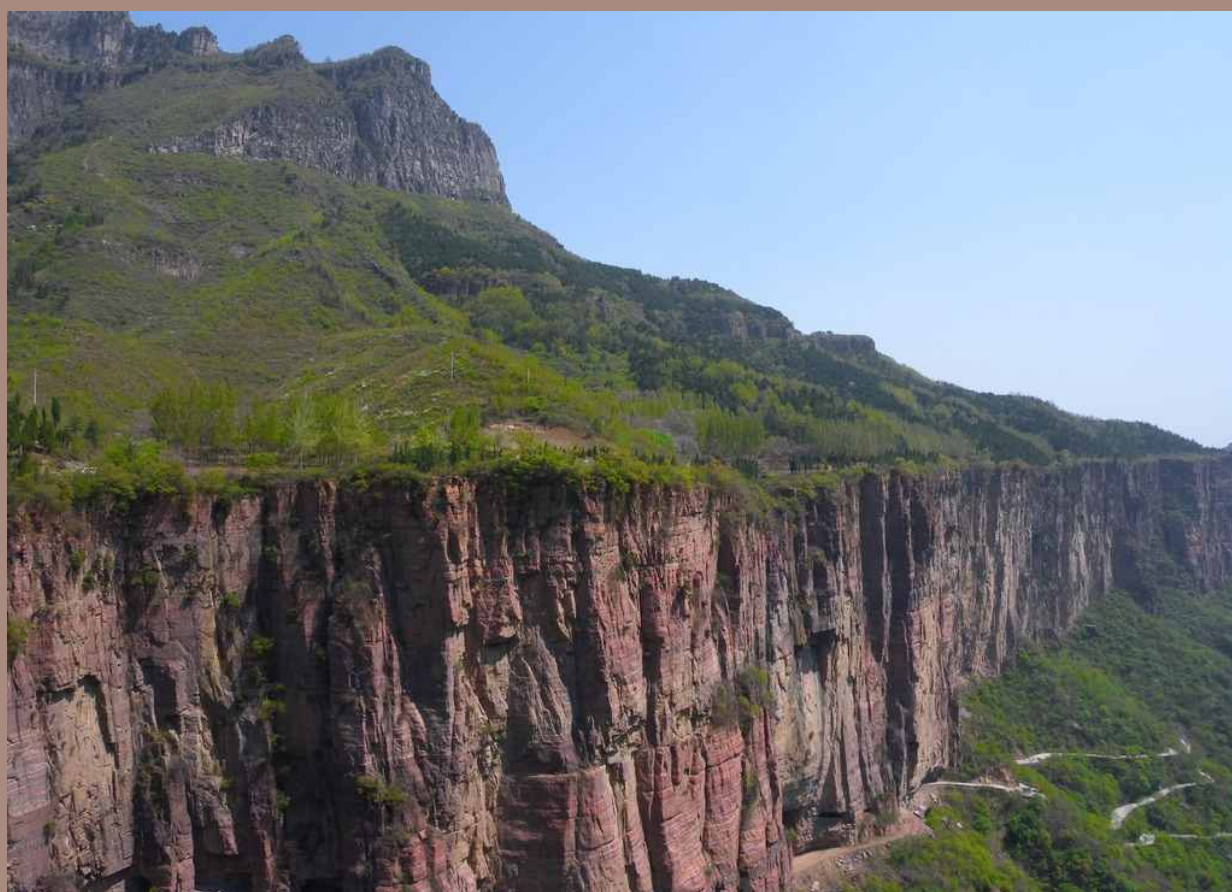


International Journal of Geosciences



Journal Editorial Board

ISSN: 2156-8359 (Print) ISSN: 2156-8367 (Online)

<http://www.scirp.org/journal/ijg>

Editors-in-Chief

Prof. Jacques Bourgois
Prof. Shuanggen Jin

Université Pierre et Marie Curie, Paris 6, France
Shanghai Astronomical Observatory, CAS, China

Editorial Board

Prof. Jong-Jin Baik
Prof. Rajasekhar Balasubramanian
Dr. Peter Bayer
Prof. Charles E. Button
Dr. Dionisios Gasparatos
Prof. Yury G. Gatinsky
Prof. Ruixia Hao
Prof. Oleg B. Khavroshkin
Dr. Charles Lemckert
Prof. Anthony Lupo
Prof. Ashok K. Mishra
Dr. Massimo Mucciardi
Prof. Junboum Park
Prof. Cosenza Philippe
Prof. Xianfang Song
Dr. Agata Di Stefano
Prof. Xuexi Tie
Prof. George Tsiambaos
Prof. Bernd Wünnemann
Prof. Fawu Wang
Prof. Xinghui Xia
Dr. Jianwen Yang
Prof. Xiaohuan Yang
Prof. Lianyang Zhang
Prof. A-Xing Zhu

Seoul National University, South Korea
National University of Singapore, Singapore
Swiss Federal Institute of Technology Zürich, Switzerland
Central Connecticut State University, USA
Aristotle University of Thessaloniki, Greece
Vernadsky State Geological Museum, Russia
Peking University, China
Russian Academy of Sciences, Russia
Griffith University, Australia
University of Missouri-Columbia, USA
Clemson University, USA
University of Messina, Italy
Seoul National University, South Korea
Poitiers University, France
Chinese Academy of Sciences, China
University of Catania, Italy
National Center for Atmospheric Research, USA
National Technical University of Athens, Greece
Freie Universität Berlin, Germany
Shimane University, Japan
Beijing Normal University, China
University of Windsor, Canada
Chinese Academy of Sciences, China
University of Arizona, USA
University of Wisconsin, USA

Table of Contents

Volume 7 Number 4

April 2016

The Impact of Climate Variabilities on the Water Resources of Nyong River (Cameroon) during Few Anterior Decades

M. H. Grelle, O. Auguste, S. A. Philippe, B. A. Etienne.....459

Origin of the Amazonian Rainforest

N.-A. Möerner.....470

The Pattern of B_y Deflections Produced from Field-Aligned Currents Earthward of the Activation Source in the Earth's Magnetosphere

D. V. Sarafopoulos.....479

Petrochemistry of Two Magnetite Bearing Systems in the Precambrian Belt of Southern Cameroon

G. N. Ngoran, C. E. Suh, D. Bowker, R. B. Verla, G. T. Bafon.....501

Characteristics and Causes of Disastrous Debris Flows on July 4, 2013, in Shimian County, Sichuan, China

Y. G. Ge, F. H. Su.....518

Prediction of Tight Sand Reservoir with Multi-Wavelet Decomposition and Reconstructing Method

L. F. Cheng, Y. C. Wang, Z. G. Li, F. X. Gong.....529

Analysis of Climate Variability and Its Influence on the Hydrological Response of the Catchment Area of Kadey (East Cameroon)

K. P. S. Kouassy, N. J. R. Ndam, A. Kpoumie, T. A. Fouepe, O. J. Mvondo.....539

Gold Veins Location in Deposits Originated by a Slanting Magma Intrusion Dike

P. Martin, F. Maass, J. Puerta, L. Cortes.....548

Application of GIS and DRASTIC Modeling for Evaluation of Groundwater Vulnerability near a Solid Waste Disposal Site

C. Jaseela, K. Prabhakar, P. S. P. Harikumar.....558

Geo-Grid Combined with Concrete and Limestone Columns to Reduce the Embankment Subsidence Located on Inclined Layers of Soft Soil

A. Rostami, M. A. Ziarati, N. Asghari, S. Jahani.....572

Evaluation of Hydrocarbon Generated and Expelled from the Jurassic to Early Cretaceous Source Rocks in the Lynedoch Field, Northern Bonaparte Basin, Australia

R. Jules, J. R. Ye, Q. Cao.....584

Imaging Rock Density Distribution beneath Liwa Fracture Zone in the Southern Part of the Great Sumatran Fault System, Indonesia

D. S. Widarto, T. Yudistira, J.-I. Nishida, I. Katsura, E. Z. Gaffar, S. Nishimura.....598

Holocene Biostratigraphic Zones Corresponding Litho-Chronostratigraphy, Environment of Deposition and Successive Changes in the Geomorphology of Bengal Basin, India during Last 10,000 Years

P. K. Sen, M. Banerjee.....615

International Journal of Geosciences (IJG)

Journal Information

SUBSCRIPTIONS

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

Subscription rates:

Print: \$79 per copy.

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.

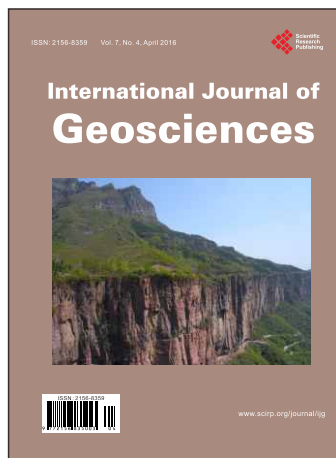
DISCLAIMER OF LIABILITY

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: ijg@scirp.org



International Journal of Geosciences

ISSN: 2156-8359 (Print) ISSN: 2156-8367 (Online)

<http://www.scirp.org/journal/ijg>

International Journal of Geosciences (IJG) is an international refereed journal dedicated to the latest advancement of geosciences. The goal of this journal is to keep a record of the state-of-the-art research and to promote study, research and improvement within its various specialties.

Editors-in-Chief

Prof. Jacques Bourgois
Prof. Shuanggen Jin

Université Pierre et Marie Curie, Paris 6, France
Shanghai Astronomical Observatory, CAS, China

Subject Coverage

All manuscripts submitted to IJG must be previously unpublished and may not be considered for publication elsewhere at any time during IJG's review period. Additionally, accepted ones will immediately appear online followed by printed in hard copy. Topics to be covered by this journal include, but are not limited to:

- Atmosphere
- Biosphere
- Cartography
- Climate Change
- Earth System Modelling
- Earthquake and Seismology
- Environmental Science
- Estuarine and Coasts
- Geochemistry
- Geodesy and Surveying
- Geographic Information System
- Geography
- Geo-Instrument Developments
- Geology
- Geomechanics
- Geomorphology and Surficial Process
- Geophysics
- Geostatistics
- Glaciology
- Hydrosphere
- Lithosphere or Geosphere
- Marine Resources
- Mineralogy
- NASA Earth Science Enterprise
- Oceanography
- Pedosphere
- Petrology
- Seismology
- Soil Science

We are also interested in: 1) Short Reports—2 to 5 pages where the paper is intended to present either an original idea with theoretical treatment or preliminary data and results; 2) Book Reviews—Comments and critiques of recently published books in Geosciences.

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/ijg>

Email: ijg@scirp.org