Journal Editorial Board

ISSN 2327-4336 (Print)    ISSN 2327-4344 (Online)
https://www.scirp.org/journal/gep

Editor-in-Chief
Prof. Valentine Udoh James        Clarion University of Pennsylvania, USA

Editorial Board
Dr. Mukesh Singh Boori           Samara University, Russia
Prof. Jianmin Chen               Fudan University, China
Prof. Peter G. Flood             University of New England, Australia
Prof. Yehia Hafez                King Abdulaziz University, Saudi Arabia
Prof. Benedict Ilozor            Eastern Michigan University, USA
Prof. Sabah A. Ismail           University of Kirkuk, Iraq
Prof. M. A. Khalifa              Menoufia University, Egypt
Dr. Juan Ma                     Fayetteville State University, USA
Dr. Amirhomayoun Saffarzadeh     Kyushu University, Japan
Prof. V. I. Solomatovin          Russian Academy of Nature Science, Russia
Dr. Mustafa Din Subaru           Universiti Teknologi Malaysia, Malaysia
Prof. Leiming Yin                Chinese Academy of Sciences, China
Dr. Xiaoqun Zhang                Carnegie Institution for Science, USA
Prof. Qixing Zhou                Nankai University, China
# Table of Contents

**Volume 7  Number 11  November 2019**

| Title                                                                 | Authors                                                                 | Page |
|-----------------------------------------------------------------------|------------------------------------------------------------------------|------|
| Ecosystems Services of the Tropical Rain Forest Environment: Lessons from the Cross River National Park, Nigeria | B. A. Ambe, U. N. Onnoghen                                             | 1    |
| Effect of *Carya cathayensis* Sarg Shell Substrate on Yield and Nutrient Amount of *Pleurotus geesteranus* | J. P. Zhang, X. B. Li, Y. Ying, X. H. Yao                              | 11   |
| Identification of Potential Landslide Susceptible Area in the Lesser Himalayan Terrain of Nepal | K. Pokhrel, B. P. Bhandari                                             | 24   |
| Assessment of Spring Water Quality in the Rural Watersheds of Western Nepal | A. Gurung, S. Adhikari, R. Chauhan, S. Thakuri, S. Nakarmi, D. Rijal, B. S. Dongol | 39   |
| Quantifying the Effects of Climate Change and Land Management on Vegetation Dynamics from 1982 to 1985 in the Source Region of Three-Rivers, China | R. Wang, H. Ma                                                        | 54   |
| Characterization of Biofilms and Mineralogical Scale in Underground Injection Well Disposal of Landfill Leachate and Industrial Wastewater Streams | D. E. Meeroff, B. Shaha, F. Bloetscher, N. Esiobu, B. Mercer, D. McCorquordale, R. Kari, M. Bennett | 69   |
| Seismic Activity and Seismic Cone Tectonics on the West Coast of the United States | L. J. Chen                                                            | 92   |
| Assessing Satellite-Based Precipitation Products to Create Flood Forecasting in the Da River Basin, Vietnam | L. V. Son, L. N. Chung, B. T. Hai, S. H. Anh, N. D. Quang              | 113  |
| Analysis of Climate Change and Circulation Features of Frost Days in Hunan Province, China in Recent 67 Years | Z. Li, Q. L. You, H. W. Liu, Z. H. Yin, L. J. Duan                    | 124  |
| Effect of Meteorological Factors on PM$_{10}$ Concentration in Hanoi, Vietnam | N. A. Dung, D. H. Son, N. T. D. Hanh, D. Q. Tri                       | 138  |
| Formation of Eskişehir Province Flood Maps with Using of Geographical Information Systems | Y. Bayazit, R. Bakiş, C. Koç, T. Kaya, N. Özdemir                     | 151  |
How Does Environmental Regulation Affect Carbon Emissions?
S. B. Wang

Study of Boundary Layer Height over West Africa
S. Ndao, D. N. Rinelle, D. Badiane, A. Lenouo, S. M. Sall

Characterization of Pyroclastic Deposit from Three Different Areas within Foumbot Region (West-Cameroon): Comparative Studies of Their Effects as Pozzolanic Materials in Mortars and Cement Manufacture
M. A. Mounjouhou, A. Moundi, B. Ntieche, D. Dawai, F. Michel

Studies on the Distribution Characteristics of the Cloud-to-Ground Lightning and Its Disasters Prevention in Xinjiang, China in 2017
W. J. Ye, Y. H. Wang, Y. Qian, X. L. Huang, Y. Jiao, Z. Q. Liu

Meteorological Drought Warning Research in Fujian Province, China during 1971-2016
S. M. Li, X. M. Wang, C. L. Gao, X. B. Ye

Mapping of Groundwater through the Integration of Remote Sensing and Vertical Electrical Sounding in ASALs: A Case Study of Turkana South Sub-County, Kenya
D. M. Nyaberi, E. Basweti, J. O. Barongo, G. M. Ogendi, P. C. Kariuki

Analysis of Low-Altitude Inversion Characteristics of Coal-Fired Power Projects Based on Tethered Balloon Observation
X. J. Gao, Y. Bai, H. W. Tian, F. Ju

Analysis and Extent of Santa Fe River Flooding in North Florida Attributed to Rainfall and Wind Damage Associated with Hurricane Irma
S. Bernardes, L. Manglass, S. T. Bacchus, M. Madden
Journal of Geoscience and Environment Protection (GEP)

Journal Information

SUBSCRIPTIONS

The Journal of Geoscience and Environment Protection (Online at Scientific Research Publishing, https://www.scirp.org/) is published monthly by Scientific Research Publishing, Inc., USA.

Subscription rates:
Print: $39 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 © 2019 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 © 2019 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: gep@scirp.org
Journal of Geoscience and Environment Protection (GEP) is an international journal dedicated to the latest advancement of Geoscience and Environment Protection. 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 Geoscience and Environment Protection. All manuscripts must be prepared in English, and are subject to a rigorous and fair peer-review process.

Subject Coverage

This journal invites original research and review papers that address the following issues. Topics of interest include, but are not limited to:

Environmental Protection
- Air Pollution
- Chemical Pollution
- Climate Change
- Disasters Management
- Environmental Earth Sciences
- Environmental Geology and Rehabilitation
- Environmental Law and Policies
- Environmental Risk
- Global Environmental Protection Technology
- Global Warming
- Landfill Waste Management
- Mineral Processing, Waste Management and Recycling
- Nuclear Energy and Environmental Protection
- Pollution Control and Technologies
- Soil Environment and Soil Science in Other Disciplines
- Sustainability of Resources and Environment
- Waste Water Management and Aquaculture
- Water Engineering

Geoscience
- Water Resources Management and Water Quality
- BioGeomarkers and Their Significance for Astrogeology and Astrobiology
- Crystallography and Mineralogy
- Education and Capacity Building in Geosciences
- Endogenous, Exogenous Petrology and Geochemistry
- Energy and Mineral Deposits
- Geodynamics
- Geothics
- Geographic Information Science
- Geological Collections and Museology
- Geophysics
- Hydrology and Hydrogeology
- International Partnership in Geosciences
- Medical and Forensic Geology
- Meteorites and Planetary Geology
- Natural Hazards
- Paleontology
- Stratigraphy and Sedimentology

We are also interested in short papers (letters) that clearly address a specific problem, and short survey or position papers that sketch the results or problems on a specific topic. Authors of selected short papers would be invited to write a regular paper on the same topic for future issues of the GEP.

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

https://www.scirp.org/journal/gep     E-mail: gep@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: https://www.scirp.org
Subscription: sub@scirp.org
Advertisement: service@scirp.org