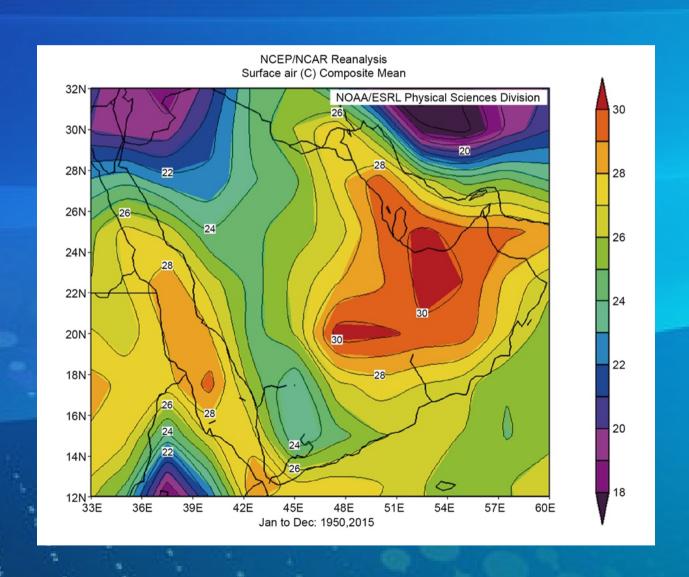




Journal of Geoscience and Environment Protection





Journal Editorial Board

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

Editor-in-Chief

Prof. Valentine Udoh James Clarion University of Pennsylvania, USA

Editorial Board

Dr. Riccardo Buccolieri University of Salento, Italy

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. Solomatin Russian Academy of Nature Science, Russia

Dr. Mustafa Din Subari Universiti Teknologi Malaysia, Malaysia

Prof. Leiming Yin Chinese Academy of Sciences, China

Dr. Xiaochun Zhang Carnegie Institution for Science, USA

Prof. Qixing Zhou Nankai University, China



Table of Contents

Volume 4 Number 5	May 2016
Methods of Domestic Solid Waste Management in Hohoe Urban in the Volta Region	
S. Adom, W. Takramah, M. P. Kwabla, M. Kweku	1
Bioaccumulation of Zn in Muscle and Brain Tissues of the African Catfish—Clarias gariepinus	
A. C. Esinulo, I. A. Kelle, D. H. Ogbuagu	12
An Empirical Assessment of Marine Debris, Seawater Quality and Littering in Ghana	
I. P. Van Dyck, F. K. E. Nunoo, E. T. Lawson	21
Understanding Fate and Effects of Copper Pesticides in Aquatic Systems	
B. E. Willis, W. M. Bishop	37
Role of Multiple High-Capacity Irrigation Wells on a Surficial Sand and Gravel Aquifer	
L. C. Seipel, E. W. Peterson, D. H. Malone, J. F. Thomason	43
Assessment of People's Awareness and Perception of Flooding in Donga Town, Taraba St	ate, Nigeria
K. T. Oyatayo, G. A. Songu, T. A. Adi, G. G. Jidauna, C. Ndabula	54
Socio-Economic Implication of Nigeria Liquefied Natural Gas (NLNG) Project in Bonny Local Government Area, Rivers State, Nigeria	
O. A. Akintoye, A. K. Eyong, P. O. Agada, O. N. Digha, O. J. Okibe	63
Changes in Soil pH and Exchangeable Acidity of Selected Parent Materials as Influenced by Amendments in South East of Nigeria	у
M. I. Onwuka, U. V. Ozurumba, O. S. Nkwocha	80
Application of Parametric-Based Framework for Regionalisation of Flow Duration Curves	
M. Y. Otache, M. A. Tyabo, I. M. Animashau, L. P. Ezekiel	89
Prediction of Sewer Pipe Main Condition Using the Linear Regression Approach	
A. Gedam, S. Mangulkar, B. Gandhi	100
Use of GIS Based Maps for Preliminary Assessment of Subsoil of Guwahati City	
B. Sharma, S. K. Rahman	106
Occupancy Factor Model for Exposure to Natural Radionuclides along the Coastline of Erongo Region, Namibia	
S. A. Oniefu, N. A. Kgabi, S. H. Taole, O. P. L. Mtambo, C. Grant, J. Antoine	117

Journal of Geoscience and Environment Protection, 2016, 4, 1-172

Published Online May 2016 in SciRes. http://www.scirp.org/journal/gep



Spatial Modelling of Weather Variables for Plant Disease Applications in Mwea Region	
P. O. Ouma, P. A. Odera, J. B. Mukundi	127
Impacts of Mau Forest Catchment on the Great Rift Valley Lakes in Kenya	
M. K. Boitt	137
Study on the Relationship between the Oceanic Nino Index and Surface Air	
Temperature and Precipitation Rate over the Kingdom of Saudi Arabia	
Y. Hafez	146
A Proposed Geoheritage Inventory System: Case Study of Isalo National Park, Madagascar	
H. N. Randrianaly, A. Di Cencio, A. Rajaonarivo, T. Raharimahefa	163



Call for Papers

Journal of Geoscience and Environment Protection (GEP)

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

Journal of Geosciences 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

Water Resources Management and Water Quality

Geoscience

- 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
- Geoethics
- Geographic Information Science
- Geological Collections and Museology
- 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

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