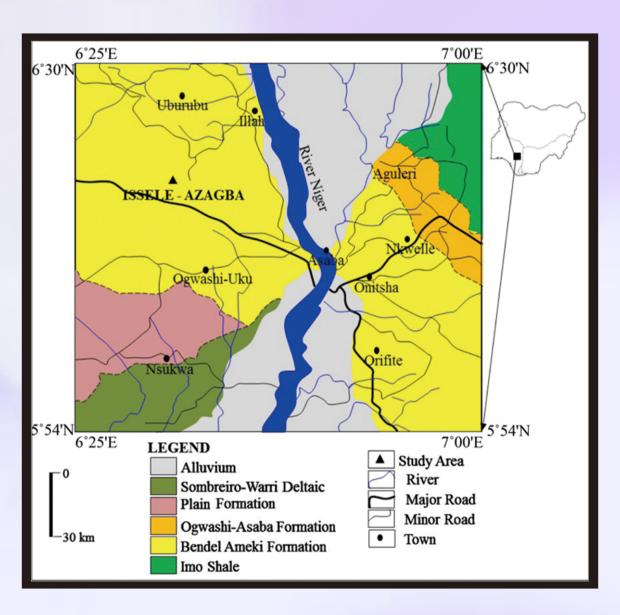




# Natural Resources





## **Journal Editorial Board**

ISSN: 2158-706X (Print) ISSN: 2158-7086 (Online)

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

.....

#### Editor-in-Chief

Prof. Miklas Scholz The University of Salford, UK

#### **Editorial Board**

Dr. Jan Franklin Adamowski McGill University, Canada

**Prof. Rubén Ortega Álvarez** North American Bird Conservation Initiative-Mexico

(NABCI-Mexico), Mexico

Prof. Hefa Cheng Chinese Academy of Sciences, China

Dr. Joaquín Goyret University of Tennessee at Martin, USA

Prof. Ke Chung Kim Pennsylvania State University, USA

Prof. Qi Li National Institute of Advanced Industrial Science

and Technology, Japan

**Dr. Baosheng Liang** Chevron Energy Technology Company, USA

Dr. Inmaculada Martínez-Zarzoso University Jaume I, Germany

Dr. Sunil Nautiyal Centre for Ecological Economics and Natural Resources

(CEENR), India

Dr. Antonio Nieto The Pennsylvania State University, USA

Dr. Krishna P. Paudel Louisiana State University, USA

**Prof. Pei-Yuan Qian** Hong Kong University of Science and Technology, China

Dr. Mujib ur Rehman Institute of Development Studies (IDS), Canada

Prof. Santosh Kumar Sarkar University of Calcutta, India

**Dr. Wattasit Siriwong** Chulalongkorn University, Thailand

Prof. Yzel Rondon Súarez State University of Mato Grosso do Sul, Brazil

**Dr. Wenjie Sun** University of Arizona, USA

Dr. Ierotheos Zacharias University of Ioannina, Greece

Prof. Xinrong Zhang Peking University, China

**Dr. Hongying Zhao** DBR Technology Center, Schlumberger, Canada

**Dr. Julian Youxiang Zuo**DBR Technology Center, Schlumberger, Canada



### **Table of Contents**

Volume 5	Number 12	September 2014
Dual-Roof Sol in Northern C	lar Greenhouse—A Novel Design for Improving the He China	at Preserving Capacity
L. L. Chai, B.	J. Wang, M. C. Liu, Z. H. Wu, Y. Xu	681
Measuremen	t of Thermophysical Property of Energy Storage Syster	m (CaCl₂·NH₃ System)
Y. Sakamoto	o, H. Yamamoto	687
Oil and Gas Pi in the Niger D	ipeline Construction-Induced Forest Fragmentation an Delta, Nigeria	d Biodiversity Loss
I. O. Agbagw	va, B. C. Ndukwu	698
Incremental I	Investment Value of Wild Turkey Management on the	South Carolina Piedmont
J. D. Hammo	ond, T. J. Straka, T. A. Brown	719
	r Management in the Esna City, Upper Egypt:An Applic ing and Numerical Modeling	ation of
M. A. Mone	em, A. Faid, E. Ismail, M. Schöniger	732
•	uman Population Characteristics and Environmental Cl pro Catchment Area of Songea, Tanzania	hange in the
M. J. Haule		746
Reversion of l Forced Equilib	Incommensurate Modulation in Cubic Lazurite: Examp brium?	le of Reversible
V. L. Tauson	ı, A. N. Sapozhnikov, E. V. Kaneva, S. V. Lipko	761
Vertical Elect	rical Sounding of Water-Bearing Sub-Surface of Issele-	Azagba in Southern Nigeria
R. E. Iserhie	en-Emekeme	772
Thermodynar	mic Characteristics of Adsorption-Desorption of Metha	ne in 3 <sup>#</sup> Coal Seam of Sihe

D. M. Ma, J. C. Zhang, J. P. Bai, H. Zhang......782

#### **Natural Resources (NR)**

#### **Journal Information**

#### SUBSCRIPTIONS

The *Natural Resources* (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: 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 © 2014 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY). <a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>

#### COPYRIGHT FOR INDIVIDUAL PAPERS OF THE JOURNAL:

Copyright © 2014 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: nr@scirp.org



# **Call for Papers**

# Natural Resources

ISSN 2158-706X (Print) ISSN 2158-7086 (Online)

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

**Natural Resources** (NR) is an international journal dedicated to the latest advancement of natural resources throughout the world. The goal of this journal is to provide a platform for scientists, students, academics and engineers all over the world to promote, share, and discuss various new issues and developments in different areas of natural resources.

#### **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:

- Agricultural Resources
- Anthropological Resources
- Aquatic Resource Science
- Biological Control
- Biological Resources
- Chemical Prospects (Natural Chemical Resources)
- Chinese Medicine Resources
- Climate Resources
- Depletion of Natural Resources
- Earth's Natural Resources
- Ecological Interactions and Ecosystem Balance (Pollination, Herbivory, Parasitism)
- Exotic Species
- Forest Resources
- Land Natural Resources
- Marine Resources
- Poor and Abound in Natural Resources

- Renewable and Non-Renewable Natural Resources
- Resource Allocation
- Resource Economics
- Resource Security
- Resource Strategy
- Resource Survey
- Resources Exploit
- Resources Policies
- Resources Science
- Resources Trading
- Save Natural Resources
- Sustainable Utilization and Conservation of Ecosystem Services
- Tax on Natural Resources
- Undeveloped Natural Resources
- Water Natural Resources
- Water Resources Protection
- Others

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 agricultural sciences.

#### Notes for Intending Authors

Your paper should not have been previously published or be currently under consideration for publication any place else. Submit your paper electronically through the NR online system. All papers are subject to peer review. After your paper has been accepted, you must sign a copyright transfer agreement with NR. Papers accepted for publication will be available free online. A fee will be charged to cover the publication cost. Manuscripts must be written in English.

Website and E-Mail

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

E-mail: nr@scirp.org