

ISSN: 2158-706X Volume 8, Number 10, October 2017



Natural Resources



www.scirp.org/journal/nr

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

Prof. Rubén Ortega Álvarez

Universidad Nacional Autónoma de México, Mexico

Prof. Mehmet Hakki Alma

University of Kahramanmaras Sutcu Imam, Turkey

Prof. Hefa Cheng

Chinese Academy of Sciences, China

Dr. William Cho

Department of Clinical Oncology, China

Dr. Joaquín Goyret

University of Tennessee at Martin, USA

Dr. Umakanta Jena

Desert Research Institute, USA

Prof. Ke Chung Kim

Pennsylvania State University, USA

Dr. Baosheng Liang

Chevron Energy Technology Company, USA

Dr. Inmaculada Martínez-Zarzoso

Georg-August-Universitaet Goettingen, 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

University of Ottawa, Canada

Prof. Yzel Rondon Suárez

State University of Mato Grosso do Sul, Brazil

Prof. Santosh Kumar Sarkar

University of Calcutta, India

Dr. Wattasit Siri Wong

Chulalongkorn University, Thailand

Dr. Wenjie Sun

University of Arizona, USA

Dr. Ierotheos Zacharias

University of Patras, Greece

Prof. Xinrong Zhang

Peking University, China

Dr. Hongying Zhao

DBR Technology Center, Canada

Dr. Julian Youxiang Zuo

DBR Technology Center, Canada

Table of Contents

Volume 8 Number 10

October 2017

Performance of an Activated Carbon-Ammonia Adsorption Refrigeration System

T. Zeng, H. Y. Huang, N. Kobayashi, J. Li.....611

Type Curves Relating Well Spacing and Heterogeneity to Oil Recovery in a Water Flooded Reservoir—A Case Study

R. Trabelsi, F. Boukadi, J. Lee, B. Boukadi, A. Seibi, H. Trabelsi.....632

Transient Pressure Behavior of a Well Located between a Constant Pressure Boundary and a Sealing Fault

R. Trabelsi, F. Boukadi, A. Seibi, D. Allen, F. Sebring, T. Mannon, H. Trabelsi.....646

Elevated Stream Pathogenic Indicator Bacteria Concentrations in Livestock Grazing Areas across a Single National Forest

L. Myers, M. Fiske, M. Layhee.....657

Natural Resources (NR)

Journal Information

SUBSCRIPTIONS

The *Natural Resources* (Online at Scientific Research Publishing, www.SciRP.org) 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 © 2017 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 © 2017 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.

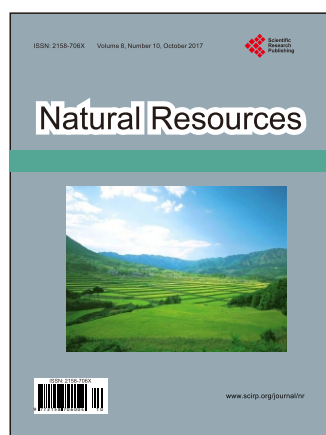
Disclaimer of liability

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



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)
- Energy Resources
- 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

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



**Scientific
Research
Publishing**

Website: <http://www.scirp.org>

Subscription: sub@scirp.org

Advertisement: service@scirp.org