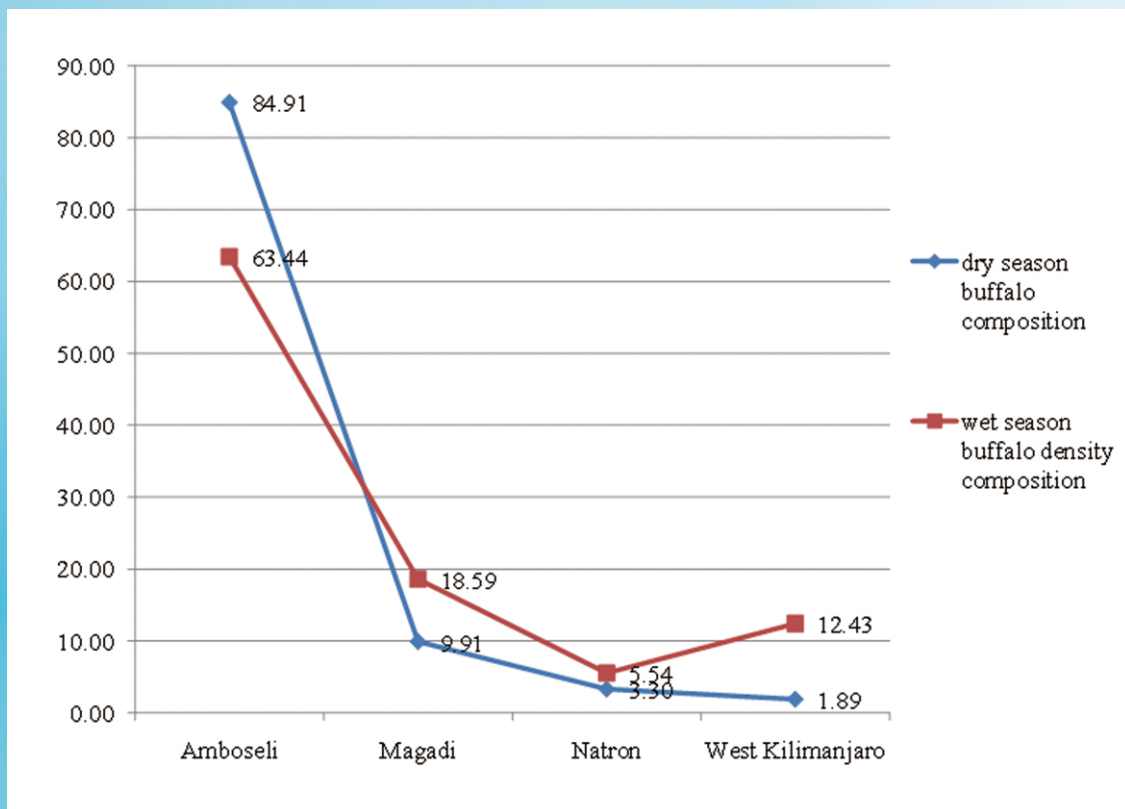


# Natural Resources



ISSN: 2158-706X



# 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**

North American Bird Conservation Initiative-Mexico  
(NABCI-Mexico), Mexico

**Dr. Jan Franklin Adamowski**

McGill University, Canada

**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

**Dr. 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**

State University of Mato Grosso do Sul, Brazil

**Prof. Yzel Rondon Suárez**

University of Calcutta, India

**Dr. Wattasit Siri Wong**

Chulalongkorn University, Thailand

**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, Canada

**Dr. Julian Youxiang Zuo**

DBR Technology Center, Canada

## Table of Contents

Volume 6    Number 2

February 2015

### **Population Status and Trend of Water Dependent Grazers (Buffalo and Waterbuck) in the Kenya-Tanzania Borderland**

M. M. Okello, L. Kenana, H. Maliti, J. W. Kiringe, E. Kanga, F. Warinwa, S. Bakari, N. Gichohi, S. Ndambuki, H. Kija, N. Sitati, D. Kimutai, M. Mwita, D. Muteti, P. Muruthi.....91

### **A Very Solid Fuel: Ferrous Iron Oxide as a Geochemical Energy Source**

J. W. Halloran.....115

### **Long-Term Application of Remote Sensing Chlorophyll Detection Models: Jordanelle Reservoir Case Study**

C. H. Hansen, G. P. Williams, Z. Adjei.....123

### **Growth Characteristic of the Oleaginous Microalga *Chlorella ellipsoidea* SD-0701 with Lipid Accumulation**

W. Y. Luo, W. Y. Du, Y. Su, J. J. Hui, J. Zhuang, L. L. Liu.....130

## **Natural Resources (NR)**

### **Journal Information**

#### **SUBSCRIPTIONS**

The *Natural Resources* (Online at Scientific Research Publishing, [www.SciRP.org](http://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](mailto:sub@scirp.org)

#### **SERVICES**

##### **Advertisements**

Advertisement Sales Department, E-mail: [service@scirp.org](mailto:service@scirp.org)

##### **Reprints (minimum quantity 100 copies)**

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: [sub@scirp.org](mailto:sub@scirp.org)

#### **COPYRIGHT**

##### **COPYRIGHT AND REUSE RIGHTS FOR THE FRONT MATTER OF THE JOURNAL:**

Copyright © 2015 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 © 2015 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.

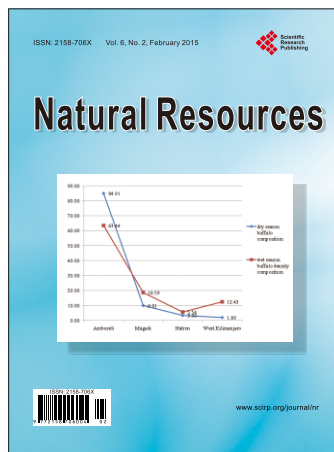
##### **DISCLAIMER OF LIABILITY**

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](mailto: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)
- 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](mailto:nr@scirp.org)