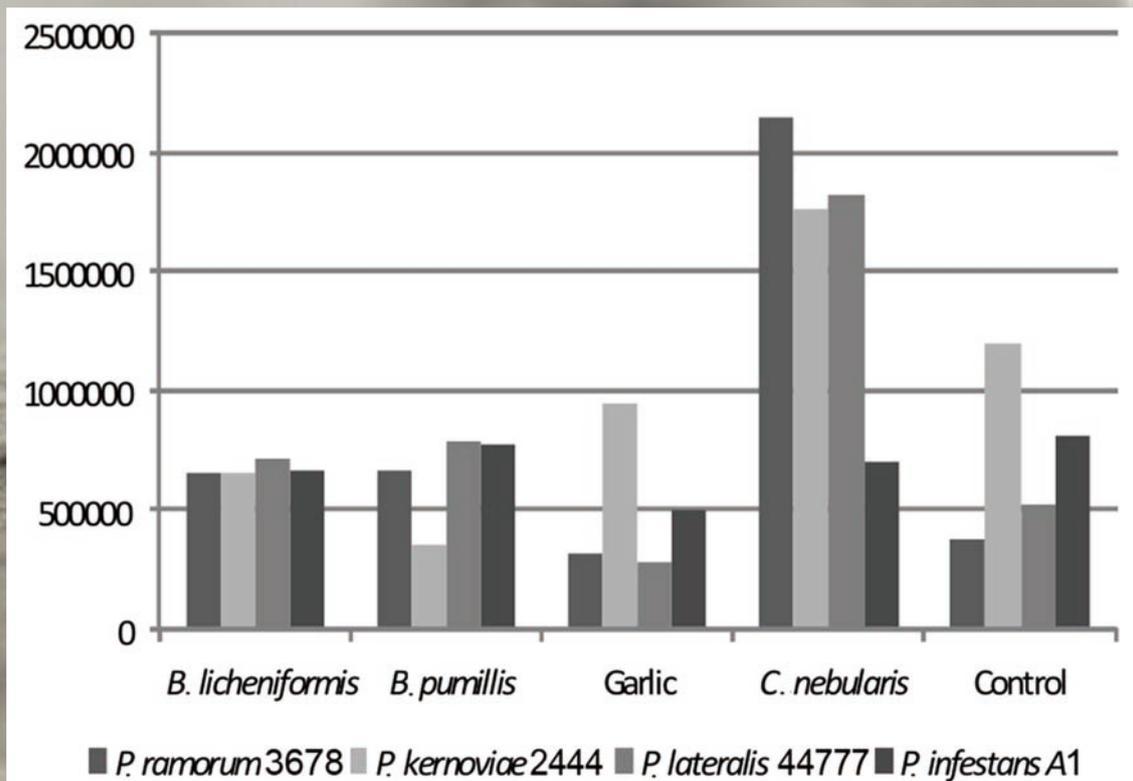




# Natural Resources



# Journal Editorial Board

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

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

---

## Editor-in-Chief

**Prof. Alevtina Smirnova**

Eastern Connecticut State University, USA

## Editorial Board

**Dr. Jan Franklin Adamowski**

McGill University, Canada

**Prof. Rubén Ortega Álvarez**

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

**Prof. Mirta Ines Aranguren**

Universidad Nacional de Mar del Plata, Argentina

**Prof. Hefa Cheng**

Chinese Academy of Sciences, China

**Dr. Joaquín Goyret**

Lund University, Sweden

**Prof. Mohammad N. A. Hawlader**

International Islamic University Malaysia, Malaysia

**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**

Institute for Social and Economic Change, 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

**Prof. Miklas Scholz**

The University of Salford, UK

**Dr. Wattasit Siri Wong**

Chulalongkorn University, Thailand

**Prof. Yzel Rondon Suárez**

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 4 Number 2

June 2013

### Ornamental Fishes of Coastal West Bengal, India—Prospects of Conservation and Involvement of Local Fishermen

A. L. Dutta, D. Chakraborty, S. K. Dey, A. K. Manna, P. K. Manna.....155

### An Insight of Ecosystem Capitals and Services of the Kaghan Valley: The Himalayan Region of Pakistan

M. Qasim, M. Z. Khan, A. Naz, S. Khalid.....163

### The Effects of Herbicide Treatment, Life History Stage, and Application Date on Cut and Uncut Teasel, *Dipsacus laciniatus* (Dipsacaceae)

L. M. Zimmerman, N. M. Porter, J. L. Riney, J. A. D. Parrish.....170

### Causalities between Price, Pond Area and Employment in Aquaculture Production

N. H. N. Mustapha, A. Abd Aziz, N. M. H. Hashim.....175

### Prediction of Suitable Harvest Time in Aquaculture

Z. T. Shang, L. Cheng, M. S. Luo, L. He, Z. G. Lu.....184

### Forest Fairy Ring Fungi *Clitocybe nebularis*, Soil *Bacillus* spp., and Plant Extracts Exhibit *in Vitro* Antagonism on Dieback *Phytophthora* Species

C. Hearst, D. Nelson, G. McCollum, S. Sharma, J. R. Rao.....189

### Long-Term Projections of Global Food Requirements: Why Were We Wrong?

I. Sohn.....195

### Post-Planting Fertilization as a Reforestation Aid on a Sulfurous, Semiarid Surface Mine

R. F. Walker.....209

### Hydraulic Characteristics and Suspended Sediment Loads during Spring Breakup in Several Streams Located on the National Petroleum Reserve in Alaska, USA

H. Toniolo, D. Vas, P. Prokein, R. Kennitz, E. Lamb, D. Brailey.....220

---

The figure on the front cover is from the article published in Natural Resources, 2013, Vol. 4, No. 2, pp. 189-194 by Catherine Hearst, *et al.*

## **Natural Resources (NR)**

### **Journal Information**

#### **SUBSCRIPTIONS**

*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: \$59 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©2013 Scientific Research Publishing, Inc.

All Rights Reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, scanning or otherwise, except as described below, without the permission in writing of the Publisher.

Copying of articles is not permitted except for personal and internal use, to the extent permitted by national copyright law, or under the terms of a license issued by the national Reproduction Rights Organization.

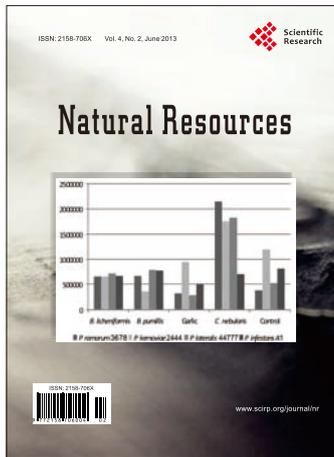
Requests for permission for other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works or for resale, and other enquiries should be addressed to the Publisher.

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)