



Natural Resources





Journal Editorial Board

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

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

.....

Editor-in-Chief

Prof. Miklas Scholz The University of Salford, UK

Associate Editor-in-Chief

Prof. Loai AlJerf Damascus University, Syria

Editorial Board

Prof. Rubén Ortega Álvarez Universidad Nacional Autónoma de México, Mexico

Prof. Mehmet Hakki Alma
University of Kahramanmaras Sutcu Imam, Turkey

Dr. Mahmut M. Bayramoglu Karadeniz Technical University, Turkey

Prof. Hefa Cheng Chinese Academy of Sciences, China

Dr. William ChoDepartment 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 NietoThe 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 Súarez State University of Mato Grosso do Sul, Brazil

Dr. Wattasit Siriwong Chulalongkorn University, Thailand

Dr. Wenjie Sun University of Arizona, USA

Dr. Ierotheos Zacharias University of Patras, Greece

Prof. Khalid H. Zaghloul Fayoum University, Egypt

Prof. Xinrong Zhang Peking University, China

Dr. Hongying Zhao DBR Technology Center, Canada

Dr. Julian Youxiang Zuo

DBR Technology Center, Canada



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

Table of Contents

Volume 12 Number 5	May 2021
Baseline of the Use of Solar Irrigation Pump in the Niayes Area in Senegal	
A. Sarr, L. Diop, I. Diatta, Y. D. Wane, A. Bodian, S. M. Seck, L. Mateos, N. Lamaddalena	125
Diversity and Influence of Environmental Factors on the Spatio-Temporal Distribution of the Ichthyofauna of Malonda Lagoon (Congo Brazzaville)	ıtion
T. H. Dembe Louvinguila, A. I. Zamba, V. Mamonekene,	
L. B. Mikembi, F. H. P. Ngot, J. Goma-Tchimbakala	147
Gas Valorization in the Republic of Congo: Production of Electricity from National Gas Reserves	
P. V. Itoua, D. E. Ndinga Manguet	164
Recovering Wood Waste to Produce Briquettes Enriched with Commercial Kraft Li	ignin
C. E. S. da Silva, F. J. B. Gomes, L. A. R. Batalha, R. C. C. Lelis,	
A. M. M. I. Carvalho, A. de Cássia Oliveira Carneiro, A. M. de Carvalho	181

Natural Resources (NR)

Journal Information

SUBSCRIPTIONS

The *Natural Resources* (Online at Scientific Research Publishing, https://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 © 2021 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 © 2021 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)

https://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 natural resources such as 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.

E-mail: nr@scirp.org

Website and E-Mail