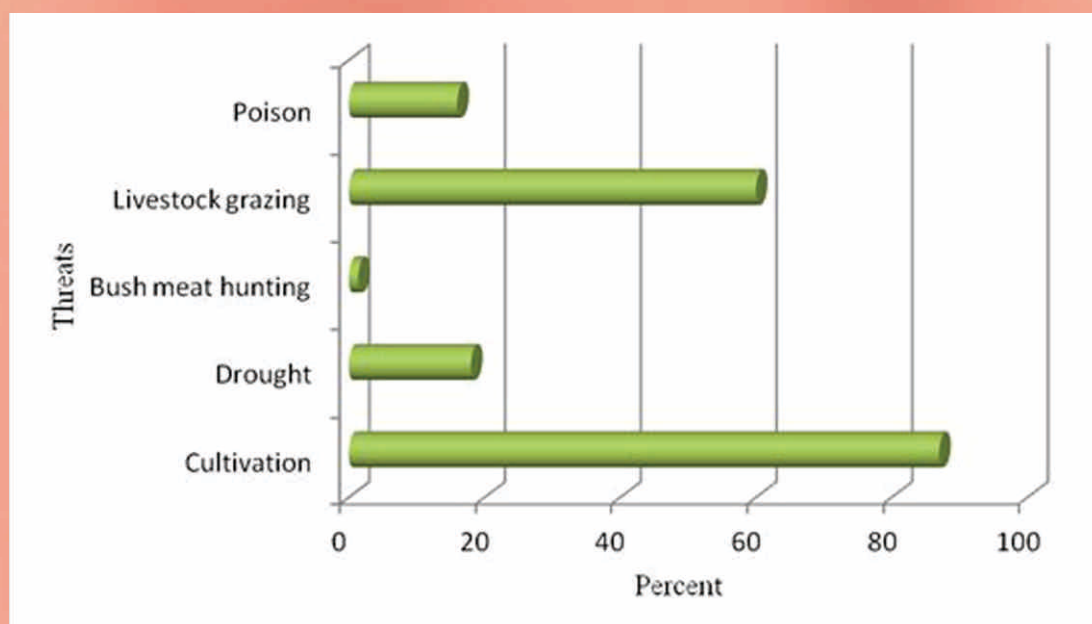


Open Journal of ECOLOGY



ISSN: 2162-1985



Journal Editorial Board

ISSN: 2162-1985 (Print) ISSN: 2162-1993 (Online)

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

Editor-in-Chief

Dr. Victor R. Savage

National University of Singapore, Singapore

Editorial Board

Dr. Mikel A. Becerro

Spanish Scientific Research Council, Spain

Dr. Rituparna Bose

The City University of New York, USA

Dr. Paolo Censi

University of Palermo, Italy

Prof. Baoshan Cui

Beijing Normal University, China

Prof. Michael B. K. Darkoh

University of Botswana, Botswana

Prof. Kartlos J. Kachiashvili

GC University Lahore, Pakistan

Dr. Douglas D. Kane

Defiance College, USA

Prof. A. D. Karathanasis

University of Kentucky, USA

Prof. Weidong Kong

Chinese Academy of Sciences, China

Prof. Pascal Laffaille

Institut National Polytechnique de Toulouse, France

Dr. Sang Don Lee

Ewha Womans University, South Korea

Prof. María R. M. Losada

Universidade de Santiago de Compostela, Spain

Prof. Korpela K. Mikael

University of Tampere, Finland

Dr. Richard Munang

United Nations Environment Programme, USA

Dr. Toshiaki Owari

The University of Tokyo, Japan

Prof. Francisco J. Rodríguez-Tovar

University of Granada, Spain

Prof. George Oliver Rogers

Texas A&M University, USA

Prof. Subramanya S. S. Sarma

National Autonomous University of Mexico, Mexico

Prof. Miklas Scholz

The University of Salford, UK

Dr. Qianlai Zhuang

Purdue University, USA

Table of Contents

Volume 4 Number 12

September 2014

Molecular Characterization of Aerobic Heterohophic Bacteria Isolated from Petroleum Hydrocarbon Polluted Brackish Waters of Bodo Creeks, Rivers State Nigeria

T. Ichor, P. O. Okerentugba, G. C. Okpokwasili.....715

Local Knowledge on the Influence of Land Use/Cover Changes and Conservation Threats on Avian Community in the Kilombero Wetlands, Tanzania

W. A. Ntongani, P. K. T. Munishi, S. R. More, J. J. Kashaigili.....723

Temporal and Spatial Effects on Some Physiological Parameters of the Bivalve *Lithophaga lithophaga* (Linnaeus, 1758) from Coastal Regions of Alexandria, Egypt

E. H. Radwan, S. S. Hamed, G. A. Saad.....732

Ecological Agriculture. Integrating Low Input, High Productive Farming with Wildlife Conservation. Results from the Experimental Farm La Combe, Drome France

M. Kiley-Worthington.....744

Assessment of Patterns of Climate Variables and Malaria Cases in Two Ecological Zones of Ghana

N. A. B. Klutse, F. Aboagye-Antwi, K. Owusu, Y. Ntiamoa-Baidu.....764

Open Journal of Ecology (OJE)

Journal Information

SUBSCRIPTIONS

The *Open Journal of Ecology* (Online at Scientific Research Publishing, www.SciRP.org) is published monthly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$69 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).

<http://creativecommons.org/licenses/by/4.0/>

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: oje@scirp.org



Open Journal of Ecology (OJE)

ISSN: 2162-1985 (Print) ISSN: 2162-1993 (Online)

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

Open Journal of Ecology (OJE) is an international journal dedicated to the latest advancements in ecology. The goal of this journal is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and perspectives in diverse areas of ecology and to keep a record of state-of-the-art research.

Subject Coverage

The journal publishes original papers including but not limited to the following subfields:

- Animal Ecology
- Aquatic Ecosystem
- Autecology
- Biogeochemistry
- Community Ecology
- Cultural Ecology
- Ecological Design
- Ecological Effectiveness
- Ecological Impact of Climate Changes
- Ecosystem Services
- Environmental Ecology
- Evolutionary Ecology
- Human Ecology
- Industrial Ecology
- Landscape Ecology
- Marine Ecology
- Microbial Ecology
- Molecular Ecology
- Physiological Ecology
- Plant Ecology
- Population Ecology
- Resource Valuation
- Terrestrial Ecosystem

We are also interested in: 1) Short Reports—2-5 page papers where an author can either present an idea with theoretical background but has not yet completed the research needed for a complete paper or preliminary data; 2) Book Reviews—Comments and critiques.

Notes for Intending Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically through the website. All papers are refereed through a peer review process. For more details about the submissions, please access the website.

Website and E-Mail

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

E-mail: oje@scirp.org