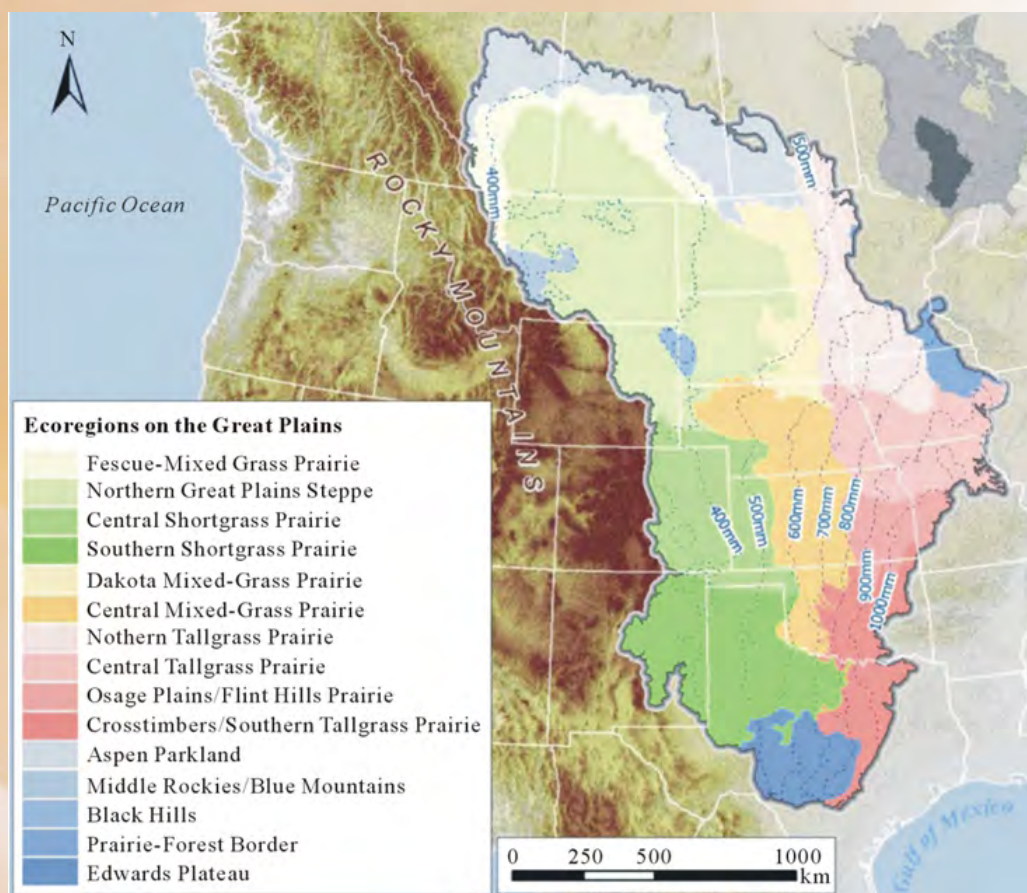


Open Journal of ECOLOGY



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 (According to Alphabet)

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. 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 4

March 2014

Bayesian Estimation of Shrubs Diversity in Rangelands under Two Management Systems in Northern Syria

A. A. Niane, M. Singh, P. C. Struik.....163

Diversity and Phenology of the Braconid Community (Hymenoptera: Braconidae) in the Mediterranean Protected Landscape of Sierra Calderona (Spain)

J. V. Falcó-Garí, F. J. Peris-Felipo, R. Jiménez-Peydró.....174

Lion Hunting and Trophy Quality Records in Zambia for the Period 1967-2000: Will the Trends in Trophy Size Drop as Lion Population Declines?

C. Chomba, R. Senzota, H. Chabwela, V. Nyirenda.....182

General Patterns of Spatial Distribution of the Integral Characteristics of Benthic Macrofauna of the Northwestern Pacific and Biological Structure of Ocean

I. V. Volvenko.....196

Long Term Effect of Major Disturbances on the Northern Mixed Grassland Ecosystem—A Review

M. Li, X. L. Guo.....214

Open Source GIS Software Options for Forestry Education in Papua New Guinea

D. L. Cornelio.....234

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



Call for Papers

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

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, by delivering superior scientific publications and scientific information solution provider that enable advancement in scientific research.

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, world-wide, 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**

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

Subscription: sub@scirp.org

Advertisement: service@scirp.org