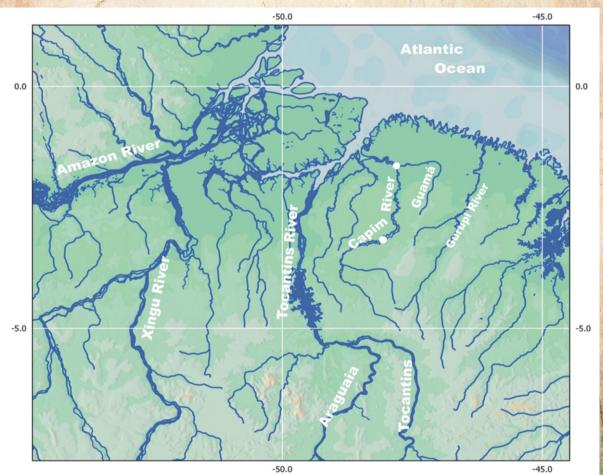
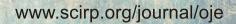




Open Journal of ECOLOGY

Special Issue on Wetland Ecology Research





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 13	October 2014
Estimates for	Carbon Stocks in Soil under Humid Grassland Areas in the Federal Distr	rict of Brazil
A. M. S. Frang	ça, R. J. O. Paiva, E. E. Sano, A. M. Carvalho	777
Perspectives of Sense of the T	on Zonation in Ramsar Sites, and Other Protected Areas: Making Tower of Babel	
Q. Zeng, P. Br	ridgewater, C. Lu, J. Q. Yun, G. C. Lei	788
Ichthyological Lower Amazor	Overview and Remarks on Freshwater Fishes from Capim River, n Basin, Brazil	
J. C. Garavello	o, A. K. de Oliveira	797
Seasonal Varia River (Edirne,	ations of Water Quality Parameters and Algal Flora of Tundzha (Tunca) Turkey)	
B. Öterler, T.	Kirgiz, M. Albay	807
•	es Applied to Assess the Influence of Amazon River Seasonal ne Floodplain Lake Morphology	
A. M. S. Fran	ça, T. G. Florenzano, E. M. L. M. Novo	820
	of Microbial Communities in a Depth Profile of an Acidic, Nutrient-Poo Southwestern Finland	r
I. Tsitko, M. L	usa, J. Lehto, L. Parviainen, A. T. K. Ikonen, AM. Lahdenperä, M. Bomberg	832

The figure on the front cover is from the article published in Open Journal of Ecology, 2014, Vol. 4, No. 13, pp. 797-806 by Júlio Cesar Garavello, Alexandre Kannebley de Oliveira.

Open Journal of Ecology (OJE) Journal Information

SUBSCRIPTIONS

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

Subscription rates:

Print: \$69 per issue. To subscribe, please contact Journals Subscriptions Department, E-mail: <u>sub@scirp.org</u>

SERVICES

Advertisements Advertisement Sales Department, E-mail: <u>service@scirp.org</u>

Reprints (minimum quantity 100 copies) Reprints Co-ordinator, Scientific Research Publishing, Inc., USA. E-mail: <u>sub@scirp.org</u>

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: <u>oje@scirp.org</u>



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