Journal Editorial Board

ISSN: 1945-3094 (Print)    ISSN: 1945-3108 (Online)
http://www.scirp.org/journal/jwarp

Editors-in-Chief

Prof. Ni-Bin Chang           University of Central Florida, USA
Prof. Jian Shen               College of William and Mary, USA

Editorial Board

Dr. Assad Ahmed Al-Thukair    King Fahd University of Petroleum & Minerals, Saudi Arabia
Prof. Sam F. Atkinson         University of North Texas, USA
Dr. Amitava Bandyopadhyay    University of Calcutta, India
Dr. Helen Bridle              Heriot-Watt University, UK
Prof. M. Ekrem Çakmak        Department of Environmental Engineering,
                             Çukurova University, Turkey
Prof. Peter Dillon            Trent University, Canada
Dr. Karina Gin                National University of Singapore, Singapore
Dr. Jane Heyworth             University of Western Australia, Australia
Dr. Madan Kumar Jha           Indian Institute of Technology, India
Dr. Paul Kay                  University of Leeds, UK
Prof. Zhaohua Li              Hubei University, China
Dr. Pan Liu                   Wuhan University, China
Dr. Damodhara Rao Mailapalli University of Wisconsin, Madison, USA
Dr. Arash Massoudieh          The Catholic University of America, USA
Prof. Jiho Min                Chonbuk National University, South Korea
Prof. Ping-Feng Pai           National Chi Nan University, Chinese Taipei
Dr. Dhundi Raj Pathak         Osaka Sangyo University, Japan
Prof. Mohamed Nageeb Rashed   Aswan University, Egypt
Dr. Dipankar Saha             Ministry of Water Resources Government of India, India
Prof. Vladimir Soldatov       Institute of Physical Organic Chemistry, Belarus
Prof. Matthias Templ          Vienna University of Technology, Austria
Dr. Stijn W. H. Van Hulle     Ghent University, Belgium
Prof. Aswani K. Volety        Florida Gulf Coast University, USA
Prof. Muqi Xu                  Chinese Academy of Sciences, China
Prof. Xiaohua Yang            Beijing Normal University, China
Dr. Y. Jeffrey Yang           US Environmental Protection Agency, USA
Dr. Jinsheng You              University of Nebraska, USA
Prof. Fan Zhang                Chinese Academy of Sciences, China
Prof. Xiying Zhang            Chinese Academy of Sciences, China
Dr. Chunli Zheng              Xi’an Jiaotong University, China
# TABLE OF CONTENTS

**Volume 5 Number 7A**  
July 2013

<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sludge Density Prediction in a Wastewater Chemical Coagulation Process</td>
<td>M. Teutli-León, M. E. Pérez-López</td>
<td>1</td>
</tr>
<tr>
<td>Recirculating Systems for Pollution Prevention in Aquaculture Facilities</td>
<td>J. Ramírez-Godínez, R. I. Beltrán-Hernández, C. Coronel-Olivares, E. Contreras-López, M. Quezada-Cruz, G. Vázquez-Rodríguez</td>
<td>5</td>
</tr>
<tr>
<td>A Study on Zeolite Performance in Waste Treating Ponds for Treatment of Palm Oil Mill Effluent</td>
<td>M. H. S. Ismail, S. Dalang, S. Syam, S. Izhar</td>
<td>18</td>
</tr>
<tr>
<td>Yield Estimation for a Single Purpose Multi-Reservoir System Using LP Based Yield Model</td>
<td>D. V. Pattewar, K. M. Sharma, P. D. Dahe</td>
<td>28</td>
</tr>
</tbody>
</table>
Journal of Water Resource and Protection (JWARP)

Journal Information

SUBSCRIPTIONS


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)
E-mail: 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 assumes 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: jwarp@scirp.org
Journal of Water Resource and Protection (JWARP)

http://www.scirp.org/journal/jwarp
ISSN:1945-3094 (Print), 1945-3108 (Online)

JWARP is an international refereed journal dedicated to the latest advancement of water resource and protection. The goal of this journal is to keep a record of the state-of-the-art research and promote the research work.

Editors-in-Chief
Prof. Ni-Bin Chang
University of Central Florida, USA
Prof. Jian Shen
College of William and Mary, USA

Editorial Board
Dr. Assad Ahmed Al-Thukair
Prof. Sam F. Atkinson
Dr. Amrita Bandyopadhyay
Dr. Helen Bridle
Prof. M. Ekrem Çakmak
Prof. Peter Dillon
Dr. Karina Gin
Dr. Jane Heyworth
Dr. Madan Kumar Jha
Dr. Paul Kay
Prof. Zhaohua Li
Dr. Pan Liu
Dr. Damodara Rao Malipalli
Dr. Arash Massoudieh
Prof. Jiho Min
Prof. Ping-Feng Pai
Dr. Dhundil Raj Pathak
Prof. Mohamed Nageeb Rashed
Dr. Dipankar Saha
Prof. Vladimir Soldatov
Prof. Matthias Templ
Dr. Stijn W. H. Van Hulle
Prof. Aswani K. Voley
Prof. Mural Xu
Prof. Xiaohua Yang
Dr. Y. Jeffrey Yang
Dr. Jinsheng You
Prof. Fan Zhang
Prof. Xiyong Zhang
Dr. Chunli Zheng

Subject Coverage
This journal invites original research and review papers that address the following issues in water resource and protection. Topics of interest include, but are not limited to:

- Agricultural Water Management
- Ecological Restoration and Receiving Water Impacts
- Economic, Sociological, and Environmental Considerations of Water Resources
- Fresh Water Security
- Ground Water Monitoring & Modeling
- Industrial Ecology and Water Sustainability
- Innovative Technologies and Engineering Solutions for Water Resources Protection
- Marine and Freshwater Conservation
- Mine Water and the Environment
- Monitoring, Modeling and Prediction of Water Pollution
- Remote Sensing for Water Resources Management
- Sea Water Utilization
- Stormwater Management and Low Impact Development
- Surface Runoff and Ground Water Pollution Control
- Urban Water
- Water and Environment
- Water Infrastructure and Life Cycle Assessment
- Water Policy and Governance
- Water Purification and Wastewater Treatment
- Water Quality Management and Ecosystems Modeling
- Water Quality Monitoring and Assessment
- Water Quality, Pollutant Exposure and Health
- Water Research & Education
- Water Resources and Climatic Change
- Water Resources Protection and Management
- Water Resources Restoration and Sustainable Use

We are also interested in short papers (letters) that clearly address a specific problem, and short survey or position papers that sketch the results or problems on a specific topic. Authors of selected short papers would be invited to write a regular paper on the same topic for future issues of the JWARP.

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/jwarp
Email: jwarp@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

Website: http://www.scirp.org
Subscription: sub@scirp.org
Advertisement: service@scirp.org