



Journal of Environmental Protection

Special Issue on Industrial Pollution



ISSN: 2152-2197



977215221970411B

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

Journal Editorial Board

ISSN: 2152-2197 (Print), 2152-2219 (Online)

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

Editors-in-Chief

Prof. Thangarasu Pandiyan

National Autonomous University of Mexico (UNAM), Mexico

Prof. Qingren Wang

University of Florida, USA

Editorial Advisory Board

Prof. Hongyan Liu

Peking University, China

Editorial Board

Dr. Josh T. Ackerman

U.S. Geological Survey, USA

Dr. Nanjappa Ashwath

Central Queensland University, Australia

Prof. Jayajit Chakraborty

University of South Florida, USA

Prof. Shuguang Deng

New Mexico State University, USA

Prof. Larry Eugene Erickson

Kansas State University, USA

Prof. Ludmila A. Golovleva

Russian Academy of Sciences, Russia

Prof. Chin-Pao Huang

University of Delaware, USA

Prof. Madan Kumar Jha

Indian Institute of Technology Kharagpur, India

Dr. Jan Åke Jönsson

Lund University, Sweden

Dr. Ganesh Raj Joshi

United Nations Center for Regional Development (UNCRD), Japan

Prof. Rameshwar S. Kanwar

Iowa State University, USA

Prof. Hyun-Joong Kim

Seoul National University, South Korea

Prof. Raghava R. Kommalapati

Prairie View A&M University, USA

Prof. Ashok Kumar

University of Toledo, USA

Dr. Robert Li

United States Department of Agriculture-Agricultural Research Service, USA

Prof. Roberto Manfredi

University of Bologna, Italy

Prof. Krishna Mazumdar

Indian Statistical Institute, India

Prof. Jiangming Mo

Chinese Academy of Sciences, China

Dr. Subhash C. Mojumdar

University of Guelph, Canada

Prof. Saied Mostaghimi

Virginia Polytechnic Institute and State University, USA

Dr. Shaibal Mukerjee

U.S. Environmental Protection Agency, USA

Prof. Pucheng Pei

Tsinghua University, China

Dr. Alexey V. Polonikov

Kursk State Medical University, Russia

Dr. Mohammad Nahid Siddiqui

King Fahd University of Petroleum & Minerals, Saudi Arabia

Dr. Gilbert Sigua

United States Department of Agriculture-Subtropical Agricultural
Research Station, USA

Prof. Emilson Caputo Delfino Silva

Georgia Institute of Technology, USA

Prof. Hongwen Sun

Nankai University, China

Dr. Xiangjun Tian

Chinese Academy of Sciences, China

Dr. Cornelia Vasile

Laval University, Canada

Prof. Ernest K. Yanful

University of Western Ontario, Canada

Prof. Qingwei Yang

Chongqing Jiaotong University, China

Dr. Ierotheos Zacharias

University of Western Greece, Greece

TABLE OF CONTENTS

Volume 4 Number 11B

November 2013

Cadmium Distribution in Tobacco Growing Soil Fractions: Its Influence on Dried Leaf Contents

E. Ortega, F. J. Lozano, C. M. Asensio, S. Montoya, M. L. Lorenzo.....1

Long-Term Release of Iron-Cyanide Complexes from the Soils of a Manufactured Gas Plant Site

M. Sut, T. Fischer, F. Repmann, T. Raab.....8

A Study of Environmental Assessment of Acid Mine Drainage in Ngwenya, Swaziland

C. L. Dlamini, A. O. Fadiran, J. M. Thwala.....20

Protecting the Groundwater Environment of Tulkarem City of Palestine from Industrial and Domestic Pollution

A. Aliawi, N. Imseih, D. Abdulghafour.....27

The figure on the front cover is from the article published in *Journal of Environmental Protection*, 2013, Vol. 4, No. 11B, pp. 20-26 by C. L. Dlamini, *et al.*

Journal of Environmental Protection (JEP)

Journal Information

SUBSCRIPTIONS

The *Journal of Environmental Protection* (Online at Scientific Research Publishing, 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©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.

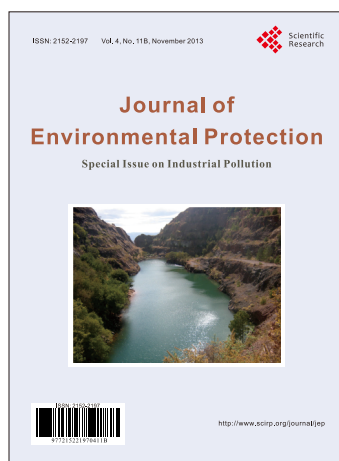
Requests for permission for other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works or for resale, and other enquiries should be addressed to the Publisher.

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 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: jep@scirp.org



Journal of Environmental Protection (JEP)

ISSN: 2152-2197(Print) ISSN: 2152-2219(Online)

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

JEP is an international refereed journal dedicated to the latest advancement of Environmental Protection. The goal of this journal is to keep a record of the state-of-the-art research and promote the research work in these fast moving areas.

Editors-in-Chief

Prof. Thangarasu Pandiyan National Autonomous University of Mexico (UNAM), Mexico

Prof. Qingren Wang University of Florida, USA

Subject Coverage

This journal invites original research and review papers that address the following issues in Environmental Protection. Topics of interest include, but are not limited to:

<ul style="list-style-type: none"> ● Air pollution and air quality <ul style="list-style-type: none"> Air pollution monitoring and modeling Air pollution prevention and control Air quality measurement and management Sources of air pollution Urban/indoor air pollution and control ● Hydrology and water quality <ul style="list-style-type: none"> Ground water pollution control Hydrobiology and water pollution Methods of monitoring water quality Modeling and measuring of water pollution ● Wastewater treatment and utilization <ul style="list-style-type: none"> New wastewater treatment technologies New water purification technologies Purification of drinking-water supplies Treatment, disposal and discharge of wastewater ● Environmental pollution and public health <ul style="list-style-type: none"> Chemical pollutants and its effects on health Effects of air pollution on public health 	<ul style="list-style-type: none"> Food and drug safety control Global climate changes and human health Land pollution and its effects on health ● Ecosystem restoration, toxicology and sustainability <ul style="list-style-type: none"> Ecosystem restoration Environmental toxicology Greenhouse gas emission monitoring and solutions Hazardous materials management Radiation safety in atomic industry Solid waste management Sustainable development of environment and ecosystem ● Environment assessment and policy <ul style="list-style-type: none"> Environmental impact assessment Environmental policy Risk assessment of contaminated environments Water resources and quality assessment Water resource protection 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 **JEP**.

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/jep>

E-mail: jep@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