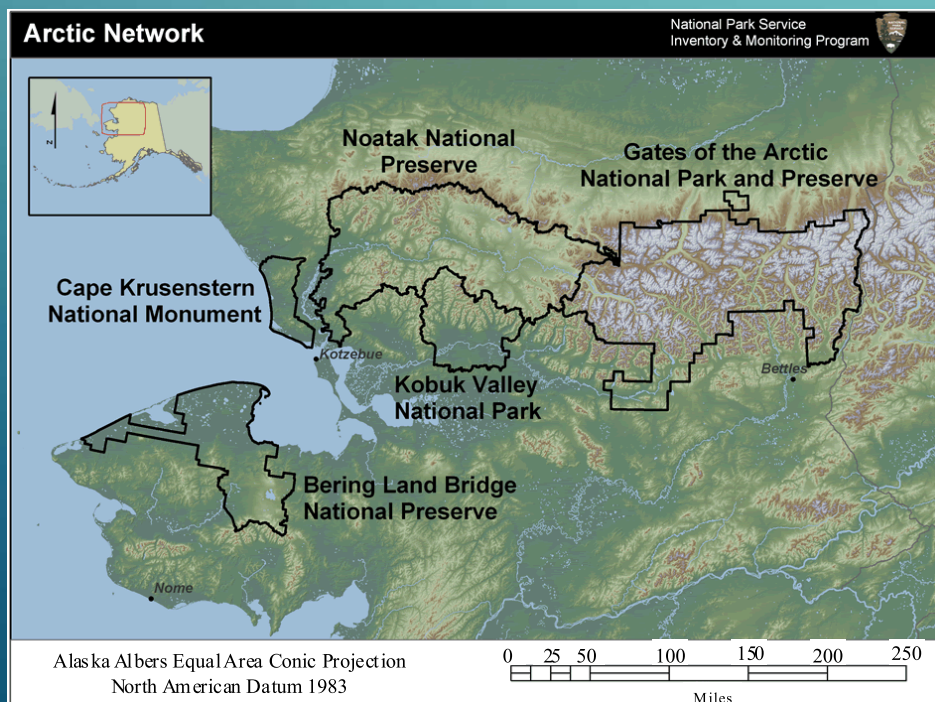




# Open Journal of Air Pollution



ISSN: 2169-2653



# Journal Editorial Board

ISSN: 2169-2653 (Print) ISSN: 2169-2661 (Online)

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

---

## Editor-in-Chief

**Prof. Kalliat T. Valsaraj**

Louisiana State University, USA

## Editorial Board

**Dr. Tianfeng Chai**

National Oceanic and Atmospheric Administration, USA

**Dr. Silvano Fares**

Agricultural Research Council, Italy

**Dr. Eva Gallego**

Polytechnic University of Catalonia, Spain

**Dr. Xiaoming Hu**

University of Oklahoma, USA

**Prof. Kuruvilla John**

University of North Texas, USA

**Dr. A. D. Karathanasis**

University of Kentucky, USA

**Dr. P. G. Ranjith**

Monash University, Australia

**Dr. Shafiqur Rehman**

King Fahd University of Petroleum & Minerals, Saudi Arabia

**Dr. Tiziano Tirabassi**

Consiglio Nazionale delle Ricerche, Italy

**Prof. Debi Prasad Tripathy**

National Institute of Technology, India

**Dr. Shiliang Wu**

Michigan Technological University, USA

**Dr. Yung Yau**

City University of Hong Kong, Hong Kong (China)

**Dr. Feng Zhang**

University of Maryland, USA

## TABLE OF CONTENTS

**Volume 2    Number 4**

**December 2013**

**Retrieval of PM10 Concentration from an AOT Passive Remote-Sensing Station  
between 2003 and 2007 over Northern France**

H. Yahi, A. Weill, M. Crepon, A. Ung, S. Thiria.....63

**Atmospheric Deposition and Critical Loads for Nitrogen and Metals in Arctic Alaska:  
Review and Current Status**

G. Linder, W. Brumbaugh, P. Neitlich, E. Little.....76

**The Contribution of the GIS and the Principal Component Analysis in the Study  
of the Cement's Dusts Impact on the Top Soils in the Central Part of  
the Oujda-Taourirt Corridor (Eastern Morocco)**

M. El Kharmouz, M. Sbaa, S. Saadi.....100

---

The figure on the front cover is from the article published in *Open Journal of Air Pollution*, 2013, Vol. 2, No. 4, pp. 76-99 by Greg Linder, William Brumbaugh, Peter Neitlich and Edward Little.

# **Open Journal of Air Pollution (OJAP)**

## **Journal Information**

### **SUBSCRIPTIONS**

The *Open Journal of Air Pollution* (Online at Scientific Research Publishing, [www.SciRP.org](http://www.SciRP.org)) is published quarterly by Scientific Research Publishing, Inc., USA.

#### **Subscription rates:**

Print: \$59 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: [sub@scirp.org](mailto:sub@scirp.org)

### **SERVICES**

#### **Advertisements**

Advertisement Sales Department, E-mail: [service@scirp.org](mailto:service@scirp.org)

#### **Reprints (minimum quantity 100 copies)**

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: [sub@scirp.org](mailto: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: [ojap@scirp.org](mailto:ojap@scirp.org)





## Open Journal of Air Pollution

ISSN: 2169-2653 (Print) ISSN: 2169-2661 (Online)

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

*Open Journal of Air Pollution (OJAP)* is an openly accessible journal published quarterly. 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 developments in different areas of air pollution.

### Editorial Board

**Dr. Tianfeng Chai**  
**Dr. Silvano Fares**  
**Dr. Eva Gallego**  
**Dr. Xiaoming Hu**  
**Prof. Kuruvilla John**  
**Dr. A. D. Karathanasis**  
**Dr. P. G. Ranjith**

**Dr. Shafiqur Rehman**  
**Dr. Tiziano Tirabassi**  
**Prof. Debi Prasad Tripathy**  
**Dr. Shiliang Wu**  
**Dr. Yung Yau**  
**Dr. Feng Zhang**

### Subject Coverage

All manuscripts must be prepared in English, and are subject to a rigorous peer-review process. Accepted papers will immediately appear online followed by printed in hard copy. The areas of Open Journal of Air Pollution (OJAP) include but are not limited to the following fields:

- Air Pollution Control and Environmental Jurisprudence
- Air Pollution Control System and Engineering
- Air Pollution Meteorology
- Air Quality Modeling
- Ambient Air Quality and Air Pollution Control
- Atmospheric Pollution
- Biodiversity as Influenced by Air Pollution
- Biology and Engineering Related to Air Pollution
- Boundary Layer Meteorology
- Chemical, Physical and Biological Processes of Air Pollution
- CO<sub>2</sub> Capture as Measure of GHG Emission Mitigation
- Ecological Implications of Air Pollution
- Environmental Biology
- Environmental Consumerism
- Environmental Economics
- Environmental Modeling and Bioremediation of Polluted Environments
- Environmental Toxicology and Air Pollution
- Global Warming and Climate Change
- Hydrodynamic Modeling of Gaseous Pollutant Scavenging in Droplets
- Industrial Air Pollution Control: Novel Methods and Case Studies
- Molecular Toxicology
- Novel Environmental Biotechnology as Applied to Air Pollution
- Novel Environmental Engineering Related to Air Pollution
- Novel Methods Used in the Study of Air Pollutants
- Pollution Sources, Transport, Deposition, Accumulation, Acid Precipitation
- Scrubber Modeling

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/ojap>

Email: [ojap@scirp.org](mailto:ojap@scirp.org)

