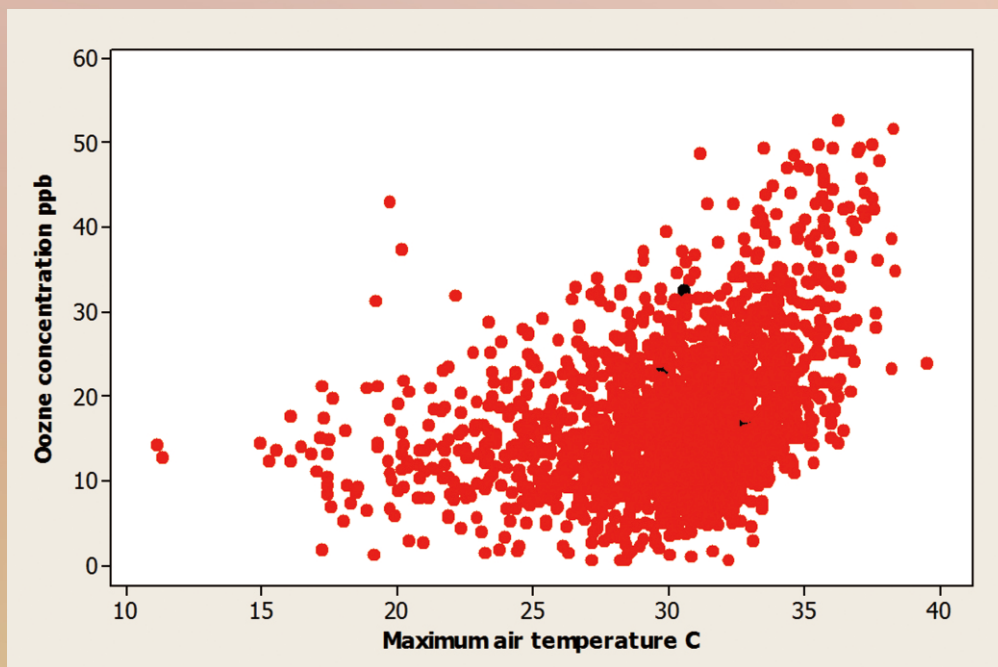




Open Journal of Air Pollution



ISSN: 2169-2653



9 772169 265002 02

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. Eva Gallego Polytechnic University of Catalonia, Spain

Dr. Xiaoming Hu University of Oklahoma, USA

Prof. Kuruvilla John University of North Texas, USA

Prof. Jonathan D.W. Kahl University of Wisconsin-Milwaukee, 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 3 Number 2

June 2014

Use of Ventilation-Index in the Development of Exposure Model for Indoor Air Pollution—A Review

K. Mukhopadhyay, R. Ramasamy, B. Mukhopadhyay, S. Ghosh, S. Sambandam, K. Balakrishnan.....33

**Development of a Short-Term Ozone Prediction Tool in Campo Grande-MS-Brazil
Area Based on Meteorological Variables**

A. de Souza, F. Aristones, H. G. Pavão, W. A. Fernandes.....42

Open Journal of Air Pollution (OJAP)

Journal Information

SUBSCRIPTIONS

The *Open Journal of Air Pollution* (Online at Scientific Research Publishing, 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

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: ojap@scirp.org

Call for Papers



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. Eva Gallego
Dr. Xiaoming Hu
Prof. Kuruvilla John
Prof. Jonathan D. W. Kahl
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
- CO₂ 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

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 with its publication.

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, worldwide, 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