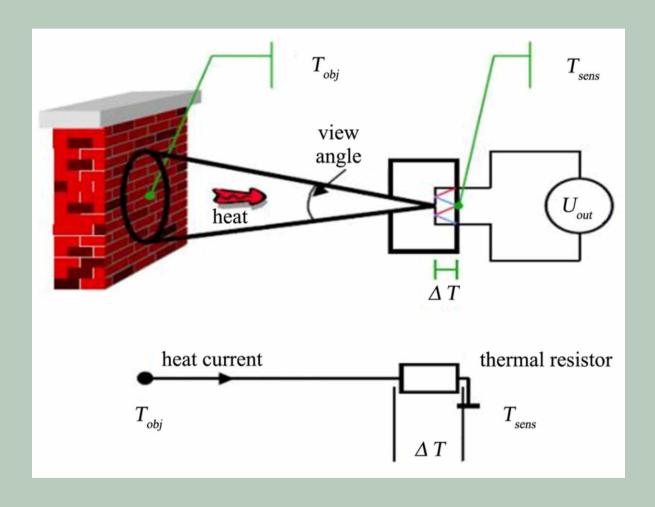


# Open Journal of Energy Efficiency





### **Journal Editorial Board**

ISSN: 2169-2637 (Print) ISSN: 2169-2645 (Online)

http://www.scirp.org/journal/ojee

.....

#### **Editor-in-Chief**

**Prof. Qianchuan Zhao** Tsinghua University, China

#### **Editorial Board**

Dr. Buyung Agusdinata Northern Illinois University, USA

**Dr. Carla Balocco** Energy Engineering Department of the University of Florence, Italy

Dr. Giovanni Berselli University of Modena, Italy

Dr. Ajay Kumar Bhardwaj Central Soil Salinity Research Institute, India

**Dr. Russell Binions**University of London, UK

**Dr. Mike Blackhurst** The University of Texas at Austin, USA

Prof. Roulet Claude-Alain Ecole Polytechnique Federale de Lausanne, Switzerland

**Dr. Massimo Corcione** University of Rome, Italy

Dr. Mateja Dovjak University of Ljubljana, Slovenia

Dr. Chua Kian Jon ErnestDr. Yunho HwangNational University of Singapore, SingaporeUniversity of Maryland, College Park, USA

**Prof. Essam E. Khalil** Cairo University, Egypt

**Prof. Chi-Ming Lai** National Cheng-Kung University, Chinese Taipei

Prof. Zainuddin Abdul Manan Universiti Teknologi Malaysia, Malaysia

Dr. Randy W. Mann Globalfoundries, USA

**Prof. Nikos Sakkas** Technological and Educational Institute of Crete, Greece

**Prof. Moran Wang** Tsinghua University, China

**Dr. Shaun Xiaoxin Wang** Oxford Brookes University, UK

**Dr. Qing Yang** Huazhong University of Science & Technology, China

**Dr. Mohan Yellishetty** Monash University, Australia

**Dr. Yuebin Yu**University of Nebraska-Lincoln, USA



## **Table of Contents**

Volume 4	Number 2	June 2015
Realizing Low	Carbon Emission in the University Campus towards	Energy Sustainability
I. A. Abdul-A	zeez, C. S. Ho	15
Non Intrusive	U Value Metering	
N. Sakkas, J.	M. Valls, C. Daskalakis, E. Kaltsis	28
Improved Effi	iciency of Heat Exchange Using KELEA Activated Wat	ter
W I Martin		36

#### Open Journal of Energy Efficiency (OJEE)

#### **Journal Information**

#### **SUBSCRIPTIONS**

The *Open Journal of Energy Efficiency* (Online at Scientific Research Publishing, <a href="www.SciRP.org">www.SciRP.org</a>) is published quarterly by Scientific Research Publishing, Inc., USA.

#### **Subscription rates:**

Print: \$59 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: <a href="mailto:sub@scirp.org">sub@scirp.org</a>

#### **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 © 2015 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 © 2015 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: ojee@scirp.org





# **Open Journal of Energy Efficiency**

ISSN: 2169-2637 (Print) ISSN: 2169-2645 (Online)

http://www.scirp.org/journal/ojee

Open Journal of Energy Efficiency (OJEE) is an open access 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 all areas of energy efficiency.

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 covered by Open Journal of Energy Efficiency (OJEE) include but are not limited to:

Consumer behavior and the dynamics of consumption

Energy efficiency in developing countries and economies in transition

Energy efficiency in the building issues

Energy efficiency in the residential

Energy efficiency in the residential industrial

Energy efficiency in the transportation issues

Energy efficiency policies

Energy management systems and energy services

Energy planning and risk assessment

Farm, water and bio-energy efficiency

Modern energy-efficient appliances

Non-energy benefits of energy efficiency and opportunities for policy integration

Power usage effectiveness

Socio-economic impacts of energy efficiency measures

Technologies to improve energy efficiency

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.

#### Website and E-mail

http://www.scirp.org/journal/ojee E-mail: ojee@scirp.org