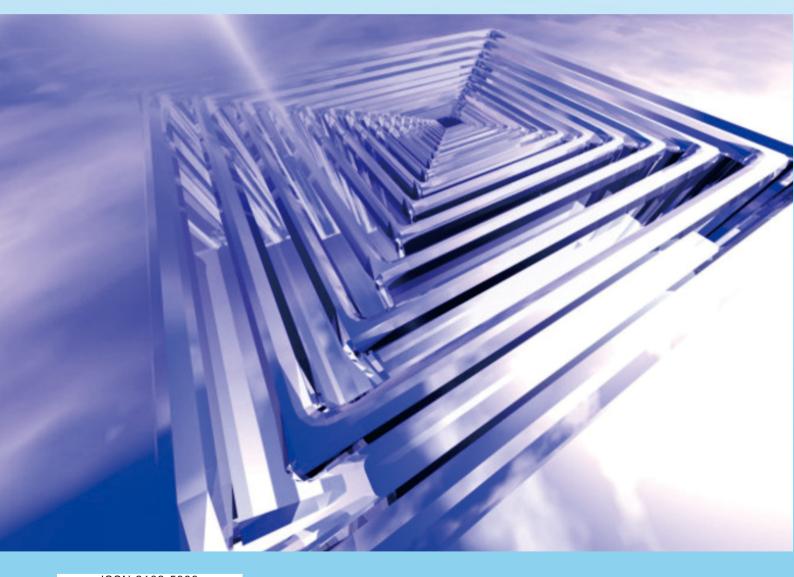


# Open Journal of Safety Science and Technology



www.scirp.org/journal/ojsst



# JOURNAL EDITORIAL BOARD

ISSN: 2162-5999 (Print) ISSN: 2162-6006 (Online) http://www.scirp.org/journal/ojsst

**Editors-in-Chief** 

Prof. Singiresu S. Rao	University of Miami, USA
Dr. Jo-Ming Tseng	Central Taiwan University of Science and Technology, Chinese Taipei

# **Editorial Board**

Prof. Fakhru'l-Razi Ahmadun	Universiti Putra Malaysia, Malaysia	
Prof. Aidy Ali	National Defence University of Malaysia (UPNM), Malaysia	
Dr. Pedro Martins Arezes	School of Engineering of the University of Minho, Portugal	
Prof. Corneliu BOB	University "Politehnica" of Timisoara, Romania	
Dr. Alan Hoi-Shou Chan	City University of Hong Kong, China	
Dr. Jianwei Cheng	China University of Mining and Technology (CUMT), China	
Prof. Bruno Fabiano	University of Genoa, Italy	
Dr. Frank A. Felder	The State University of New Jersey, USA	
Dr. Tifeng Jiao	Yanshan University, China	
Prof. Fausto Pedro García Márquez	University of Castilla-La Mancha, Spain	
Dr. Panagiotis Mitropoulos	San Diego State University, USA	
Dr. Yuichi Otsuka	Nagaoka University of Technology, Japan	
Dr. K. Balaji Rao	CSIR-Structural Engineering Research Centre, India	
Prof. Chi-Min Shu	National Yunlin University of Science and Technology (YunTech), Chinese Taipei	
Prof. Isabelle Sochet	Industrial Risk Engineering Department, Institute of Technology INSA Centre Val	
	de Loire, France	
Dr. Paolo Vestrucci	University of Bologna, Italy	
Dr. Xin Ye	California State Polytechnic University, USA	



# **Table of Contents**

Volume 5	Number 1	March 2015
Selection of Su	itable Safety Activities and Experience of Safety Condition Establishment	
A. Hidaka, A. Miyake1		
Assessment of Safety Practices and Injuries Associated with Wood Processing in a Timber Company in Ghana		
S. J. Mitchual	M. Donkoh, F. Bih	10

# **Open Journal of Safety Science and Technology (OJSST)**

## **Journal Information**

#### SUBSCRIPTIONS

The *Open Journal of Safety Science and Technology* (Online at Scientific Research Publishing, <u>www.SciRP.org</u>) is published quarterly by Scientific Research Publishing, Inc., USA.

#### Subscription rates:

Print: \$69 per issue. To subscribe, please contact Journals Subscriptions Department, E-mail: <u>sub@scirp.org</u>

#### SERVICES

Advertisements Advertisement Sales Department, E-mail: <u>service@scirp.org</u>

Reprints (minimum quantity 100 copies) Reprints Co-ordinator, Scientific Research Publishing, Inc., USA. E-mail: <u>sub@scirp.org</u>

#### 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: <u>ojsst@scirp.org</u>

# **Call for Papers**



# **Open Journal of Safety Science and Technology**

ISSN: 2162-5999 (Print) ISSN: 2162-6006 (Online) http://www.scirp.org/journal/ojsst

**Open Journal of Safety Science and Technology (OJSST)** is an international peer-reviewed, open access journal publishing in English original research studies, reviews in all aspects of branches of science. Symposia or workshop papers may be published as supplements.

## **Editors-in-Chief**

Prof. Singiresu S. Rao Dr. Jo-Ming Tseng University of Miami, USA Central Taiwan University of Science and Technology, Chinese Taipei

# Subject Coverage

The field of Safety Science and Technology is the most challenging and hot topic among all branches of science. This field is also quite interdisciplinary in character. OJSST aims to publish research papers in the following areas:

- Aerospace vehicle safety
- Blast safety
- Bridge safety engineering
- Chemical health and safety
- Coal, gas and rock burst
- Construction and building safety
- Dam safety
- Drug safety
- Ecotoxicology and environmental safety
- Emergency management and evacuation
- Explosion performance and safety of hazardous materials
- Fatigue, lifetime and reliability
- Fire control and extinguishing
- Fire experiment and property research
- Fire extinguishing agent and fire equipment
- Food safety
- Gas and dust control in coal mine
- Gas explosion and safety
- Human factors and ergonomics
- Leakage of combustible and toxic materials
- Machinery safety

- Numerical simulation of fire
- Occupational health and human behavior
- Patient safety in surgery
- Performance and process of burning
- Public security
- Robot safety
- Safety assessment and risk analysis
- Safety engineering
- Safety management
- Safety monitoring and supervision
- Safety of chemical reaction tank and pressure vessel
- Safety of tunnel and metro construction
- Slope stability
- Smoke control
- Spontaneous combustion in coal mine
- Structural safety
- Theories and methods of safety science
- Traffic and transportation safety
- Ventilation
- Work safety in coal mine
- Other aspects of safety science and technology

# Website and E-Mail

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

### E-mail: ojsst@scirp.org