

# Open Journal of Modelling and Simulation



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

# **Journal Editorial Board**

ISSN: 2327-4018 (Print), 2327-4026 (Online) http://www.scirp.org/journal/ojmsi

## **Editor-in-Chief**

Prof. Bilal Chanane

King Fahd University of Petroleum & Minerals, Saudi Arabia

# **Editorial Board**

Dr. Izhar Ahmad King Fahd University of Petroleum & Minerals, Saudi Arabia Dr. Alessandro Bazzi National Research Council of Italy, Italy **Prof. Emilio Defez Candel** Universidad Politécnica de Valencia, Spain **Dr. Todd Easton** Kansas State University, Afghanistan Prof. Beih El-Sayed El-Desouky Mansoura University, Egypt **Dr. Jerome Feret** Institute National de Recherce en Informatique et Automatique, France Dr. Shaojing Fu National University of Defense Technology, China Dr. Francisco Guijarro Universidad Politécnica de Valencia, Spain **Prof. Mirsad Hadzikadic** University of North Carolina at Charlotte, USA Prof. Antonio Hervás Jorge Universidad Politécnica de Valencia, Spain Dr. Prakash Chand Jain Scientist DRDL Hyderabad, India **Prof. E. Stanley Lee** Kansas State University, USA Dr. Anibal Muñoz Loaiza Universidad del Quindío, Colombia Dr. Ricardo López-Ruiz University of Zaragoza, Spain Dr. Gangfeng Ma Old Dominion University, USA Dr. Morteza Mohammadzaheri University of Adelaide, Australia Dr. Md. Mamun Molla North South University, Bangladesh Dr. Terence O'kane Commonwealth Scientific and Industrial Research Organisation, Australia Dr. Tarek Ragab University of Tabuk, Saudi Arabia Dr. Beatriz Ricarte Universitat Politècnica de València, Spain **Dr. Gregorio Romero** Technical University of Madrid, Spain Dr. P. Sanjeevikumar National Institute of Technology, India Dr. Sergio Serrano University of Zaragoza, Spain Dr. Santiago Silvestre Universitat Politècnica de Cataluny, Spain Dr. Yu Sun Our Lady of the Lake University, USA **Dr. Néstor Thome** Universitat Politècnica de València, Spain Prof. Wilfred van der Vegte Delft University of Technology, The Netherlands **Dr. Hamed Yarmand** Massachusetts General Hospital, USA Dr. Yu Zeng Duke University, USA



# **Table of Contents**

Vo	lume	4	Number 4
	unic		

# October 2016

#### Monetary Policy Effects and Output Growth in Malawi: Using a Small Macroeconometric Model

# Open Journal of Modelling and Simulation (OJMSi) Journal Information

#### SUBSCRIPTIONS

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

#### Subscription rates:

Print: \$39 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 © 2016 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 © 2016 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>ojmsi@scirp.org</u>



# **Open Journal of Modelling and Simulation**

ISSN: 2327-4018 (Print) ISSN: 2327-4026 (Online) http://www.scirp.org/journal/ojmsi

**Open Journal of Modelling and Simulation (OJMSi)** 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 aspects of modelling and simulation.

## **Editorial Board**

Dr. Izhar Ahmad Dr. Alessandro Bazzi Prof. Emilio Defez Candel Dr. Todd Easton Prof. Beih El-Sayed El-Desouky Dr. Jerome Feret Dr. Shaojing Fu Dr. Francisco Guijarro Prof. Mirsad Hadzikadic Prof. Antonio Hervás Jorge

# Subject Coverage

Dr. Prakash Chand Jain Prof. E. Stanley Lee Dr. Anibal Muñoz Loaiza Dr. Ricardo López-Ruiz Dr. Gangfeng Ma Dr. Morteza Mohammadzaheri Dr. Md. Mamun Molla Dr. Terence O'kane Dr. Tarek Ragab Dr. Beatriz Ricarte Dr. Gregorio Romero Dr. P. Sanjeevikumar Dr. Sergio Serrano Dr. Santiago Silvestre Dr. Yu Sun Dr. Néstor Thome Prof. Wilfred van der Vegte Dr. Hamed Yarmand Dr. Yu Zeng

**Call for Papers** 

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 hard copy. The journal publishes original papers including but not limited to the following fields:

- •Aerospace Technology Simulation
- •Aircraft Design Simulations
- •Applications of Social and Economic Models
- •Chemical Process Simulation
- •Computational Intelligence
- Computer Science
- •Constitutive Modelling of Materials
- Control Theory
- •Dynamic Response of Mechanical Systems
- •Dynamical Systems
- Finite Element/Computational Fluid Dynamics Simulation

- Many Agents Complex Systems
- Mathematical Biology
- Military Technology Simulation
- Nonlinear Processes
- Numerical Analysis
- Numerical Modelling
- •Rigid/Flexible Body Mechanisms Simulations
- •Seismic Simulation of Civil Structures
- •Simulation Modeling Theories and Methodologies
- Visual Simulation

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/ojmsi Email: ojmsi@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?

Art and Design Review

Advances in

dvances in Biological bemistry Entomolog

Applied Mathematics

Engineering

nii (ii a

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

Soft

- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience



Website: http://www.scirp.org Subscription: sub@scirp.org Advertisement: service@scirp.org