

Open Journal of Modelling and Simulation



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 BazziProf. Emilio Defez CandelUniversidad 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 FuNational University of Defense Technology, China

Dr. Francisco GuijarroUniversidad Politécnica de Valencia, SpainProf. Mirsad HadzikadicUniversity of North Carolina at Charlotte, USAProf. Antonio Hervás JorgeUniversidad Politécnica de Valencia, Spain

Dr. Prakash Chand JainScientist DRDL Hyderabad, IndiaProf. E. Stanley LeeKansas State University, USA

Dr. Anibal Muñoz Loaiza Universidad del Quindío, Colombia

Dr. Ricardo López-RuizUniversity of Zaragoza, SpainDr. Gangfeng MaOld Dominion University, USADr. Morteza MohammadzaheriUniversity of Adelaide, AustraliaDr. Md. Mamun MollaNorth South University, Bangladesh

Dr. Terence O'kane Commonwealth Scientific and Industrial Research Organisation, Australia

Dr. Tarek Ragab University of Tabuk, Saudi Arabia

Dr. Beatriz RicarteUniversitat Politècnica de València, SpainDr. Gregorio RomeroTechnical University of Madrid, SpainDr. P. SanjeevikumarNational Institute of Technology, India

Dr. Sergio Serrano University of Zaragoza, Spain

Dr. Santiago SilvestreUniversitat Politècnica de Cataluny, SpainDr. Yu SunOur Lady of the Lake University, USADr. Néstor ThomeUniversitat Politècnica de València, SpainDr. Wilfred van der VegteDelft University of Technology, Netherlands

Dr. Hamed Yarmand Massachusetts General Hospital, USA

Dr. Yu Zeng Duke University, USA



ISSN Online: 2327-4026 ISSN Print: 2327-4018

Table of Contents

Volume 6	Number 1	January 2018
Simulation Mod	del to the Zika Virus Considering Asymptomatic Populati	on
J. C. Jamboos, I	O. M. Muñoz, A. Muñoz, O. A. Manrique, S. Raigosa	1

Open Journal of Modelling and Simulation (OJMSi) Journal Information

SUBSCRIPTIONS

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

Subscription rates:

Print: \$39 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 © 2018 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 © 2018 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: ojmsi@scirp.org

Call for Papers





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

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

Dr. Wilfred van der Vegte

Dr. Hamed Yarmand

Dr. Yu Zeng

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 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?

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





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