

# Table of Contents

## International Journal of Operations Research and Information Systems

Volume 11 • Issue 3 • July-September-2020 • ISSN: 1947-9328 • eISSN: 1947-9336

### Research Articles

- 1     **The Key Drivers for the Digitalization of the Supply Chain**  
Stavros Ioannis Valsamidis, Department of Accounting and Finance, International Hellenic University, Kavala, Greece
  
- 19    **Big Data and Cloud Computing: A Critical Review**  
Akansha Gautam, Department of Computer Science, University of Delhi, Delhi, India  
Indranath Chatterjee, Department of Computer Science and Engineering, J.K. Lakshmi Pat University, Jaipur, India  
& Department of Computer Engineering, Tongmyong University, Busan, South Korea
  
- 39    **A Hybrid Differential Evolution and Harmony Search for Optimal Power Flow With FACTS Devices**  
Luong Dinh Le, Ho Chi Minh City University of Technology, Ho Chi Minh City, Vietnam  
Dieu Ngoc Vo, Ho Chi Minh City University of Technology, VNU-HCM, Ho Chi Minh City, Vietnam  
Sy T. Huynh, Southern Power Project Management Board, EVN-SPC, Ho Chi Minh City, Vietnam  
Tuan Minh Nguyen-Hoang, Ho Chi Minh City University of Technology, VNU-HCM, Ho Chi Minh City, Vietnam  
Pandian Vasant, Universiti Teknologi Petronas, Malaysia
  
- 66    **Financial Asset Management Using Artificial Neural Networks**  
Roohollah Younes Sinaki, Ohio University, USA  
Azadeh Sadeghi, Ohio University, USA  
Dustin S. Lynch, Ohio University, USA  
William A. Young II, Ohio University, USA  
Gary R. Weckman, Ohio University, USA

### COPYRIGHT

The **International Journal of Operations Research and Information Systems (IJORIS)** (ISSN 1947-9328; eISSN 1947-9336), Copyright © 2021 IGI Global. From the journal's inception, January 1, 2010, to December 31, 2020, all rights, including translation into other languages is reserved by the publisher, unless otherwise stated in the article manuscript. As of January 1, 2021, this journal operates under the gold Open Access model, whereby all content published after this date is distributed under the terms of the Creative Commons Attribution 4.0 International (CC BY 4.0) License (<http://creativecommons.org/licenses/by/4.0/>) where copyright for the work remains solely with the author(s) of the article manuscript. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The *International Journal of Operations Research and Information Systems* is indexed or listed in the following: ACM Digital Library; Bacon's Media Directory; Cabell's Directories; DBLP; Google Scholar; IAOR Online; JournalTOCs; Library & Information Science Abstracts (LISA); MediaFinder; The Standard Periodical Directory; Ulrich's Periodicals Directory