

# Table of Contents

## International Journal of Operations Research and Information Systems

Volume 12 • Issue 1 • January-March-2021 • ISSN: 1947-9328 • eISSN: 1947-9336

### **SPECIAL ISSUE FROM THE CONFERENCE OF THE HELLENIC OPERATIONAL RESEARCH SOCIETY ON OPERATIONS RESEARCH AND INFORMATION SYSTEMS IN SUPPORT OF DEVELOPMENT AND PRODUCTION MODELS**

#### **GUEST EDITORIAL PREFACE**

- v Prodomos Chatzoglou, Department of Production and Management Engineering, Democritus University of Thrace, Greece  
Pavlos Delias, Department of Accounting and Finance, International Hellenic University, Greece  
Athanasios Vavatsikos, Department of Production and Management Engineering, Democritus University of Thrace, Greece

#### **RESEARCH ARTICLES**

- 1 **A Framework to Identify Influences of Environmental Legislation on Corporate Green Intellectual Capital, Innovation, and Environmental Performance: A New Way to Test Porter Hypothesis**  
Nikolaos S. Trelopoulos, Democritus University of Thrace, Greece  
Thomas A. Tsalis, Democritus University of Thrace, Greece  
Ioannis E. Nikolaou, Democritus University of Thrace, Greece
- 17 **Dual-Level Evaluation Framework for Airport User Satisfaction**  
Dimitrios Dimitriou, Democritus University of Thrace, Greece  
Maria Sartzetaki, Democritus University of Thrace, Greece  
Iliana Kalenteridou, Democritus University of Thrace, Greece
- 31 **Photorealistic 3D Models and Interactive Learning Content for a Machine Elements E-Course**  
Petros Pistofidis, Department of Production Engineering and Management, Democritus University of Thrace, Greece  
Pantelis N. Botsaris, Department of Production Engineering and Management, Democritus University of Thrace, Greece  
Zacharias Giotsalitis, Department of Production Engineering and Management, Democritus University of Thrace, Greece
- 43 **Simulation Modeling and Analysis of a Door Industry**  
Konstantinos Chronis, Department of Production and Management Engineering, Democritus University of Thrace, Greece  
Alexandros Xanthopoulos, Department of Production and Management Engineering, Democritus University of Thrace, Greece  
Dimitrios E. Koulouriotis, Department of Production and Management Engineering, Democritus University of Thrace, Greece
- 58 **Modeling and Forecasting of Tourist Arrivals in Crete Using Statistical Models and Models of Computational Intelligence: A Comparative Study**  
Stefanos K. Goumas, International Hellenic University, Greece  
Stavros Kontakos, Democritus University of Thrace, Greece  
Aikaterini G. Mathheaki, International Hellenic University, Greece  
Sofoklis Kristoforidis, International Hellenic University, Greece
- 73 **An Evaluation of the Effectiveness of Labor Market Integration Policies in EU Member States Using PROMETHEE**  
Anastasia Blouchoutzi, University of Macedonia, Greece  
Panagiota Digkolou, University of Macedonia, Greece  
Jason Papathanasiou, University of Macedonia, Greece  
Christos Nikas, University of Macedonia, Greece

#### **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