

# INTERNATIONAL JOURNAL OF DECISION SUPPORT SYSTEM TECHNOLOGY

October-December 2012, Vol. 4, No. 4

## Table of Contents

### RESEARCH ARTICLES

- 1 **D-Sight: A New Decision Making Software to Address Multi-Criteria Problems**  
*Quantin Hayez, D-Sight, Brussels, Belgium*  
*Yves De Smet, CoDE-SMG, Ecole polytechnique de Bruxelles, Université libre de Bruxelles, Brussels, Belgium*  
*Jimmy Bonney, D-Sight, Brussels, Belgium*
- 24 **A Conceptual Model for Knowledge Marts for Decision Making Support Systems**  
*Hayden Wimmer, Department of Information Systems, University of Maryland Baltimore County, Baltimore, MD, USA*  
*Guisseppe Forgionne, Department of Information Systems, University of Maryland Baltimore County, Baltimore, MD, USA*  
*Roy Rada, Department of Information System, College of Engineering and Information Technology, University of Maryland Baltimore County, Baltimore, MD, USA*  
*Victoria Yoon, Department of Information Systems, Virginia Commonwealth University, Richmond, VA, USA*
- 39 **Cloud-Based Collaborative Decision Making: Design Considerations and Architecture of the GRUPO-MOD System**  
*Heiko Thimm, Pforzheim University, School of Engineering, Pforzheim, Germany*
- 60 **A Source Code Change Impact Analysis Algorithm for Iterative Software Development**  
*Jerod W. Wilkerson, Department of Information Systems, Sam and Irene Black School of Business, Penn State Erie, PA, USA*

### Copyright

The *International Journal of Decision Support System Technology* (ISSN 1941-6296; eISSN 1941-630X). Copyright © 2012 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. 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.

IJDSST is currently listed or indexed in: ACM Digital Library; Bacon's Media Directory; Cabell's Directories; Compendex (Elsevier Engineering Index); DBLP; GetCited; Google Scholar; INSPEC; JournalTOCs; MediaFinder; Norwegian Social Science Data Services (NSD); SCOPUS; The Index of Information Systems Journals; The Standard Periodical Directory; Ulrich's Periodicals Directory