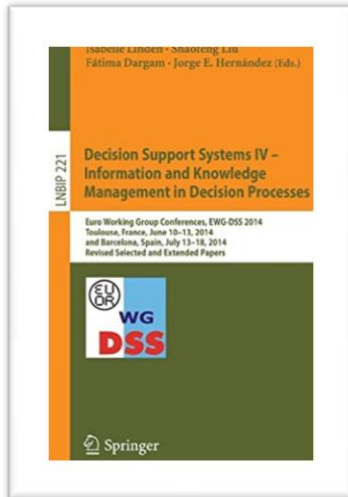


**BOOK REVIEW**

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**DECISION SUPPORT SYSTEMS IV-INFORMATION  
AND KNOWLEDGE MANAGEMENT IN  
DECISION PROCESSES**

(Euro Working Group Conferences, EWG – DSS 2014,  
Toulouse, France, June 10-13, 2014 and Barcelona,  
Spain, July 13-18, 2014 Revised, Selected and  
Extended Papers)

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### INTRODUCTION

The book **Decision Support Systems IV-Information and Knowledge Management in Decision Processes**, 978-3-319-21535-8, is the Springer Series *Lecture Notes in Business Information Processes* Volume 221-LNBIP 221. This series purpose, in the view of its Editors: **van der Aalst, W., Mylopoulos, J., Rosemann, M., Shaw, M.J., Szyperski, C.** is to report state-of-the-art results in areas related to business information systems and industrial application software development – timely, at a high level, and in both printed and electronic form.

It constitutes the Euro Working Group on Decision Support Systems (EWG-DSS) fourth edition. Includes revised selected extended papers from two events, held in 2014, sponsored by EWG-DSS: the GDN 2014 Conference and the DSS Stream complemented by an open call on the issue: Information and Knowledge Management in Decision Processes. In the total eight papers were selected:

- The Contribution of Knowledge Sharing to Organizational Performance and Decision Making: A Literature Review

*Oluwafemi Oyemomi, Shaofeng Liu and Irina Neaga*

- Multicriteria Decision Aid Method for Knowledge Sharing

*Sarra Bouzayane and Inès Saad*

- A Collaborative Spatial Decision Support System for the Capacitated Vehicle Routing Problem on a Tabletop Display  
*Nicolaos Ploskas, Ioannis Athanasiadis, Jason Papathanasiou and Nicolaos Samaras*
- Trust and Understanding in Face-to-Face and Online Negotiations  
*Yvonne van der Toorn, Per van der Wijst and Debby Damen*
- Discovering Characteristics that Affect Process Control Flow  
*Pavlos Delias, Daniela Grigori, Mohamed Lamine Mouhoub and Alexis Tsoukias*
- Study on Temporal Change of Social Context: In the Case of Bicycle Riding Issue in Japan  
*Madoka Chosakabe, Hiroshi Takeyoshi and Hiroyuki Sakakibara*
- Matrix Representation of a Basic Hierarchical Graph Model for Conflict Resolution  
*Shawei He, D. Mark Kilgour and Keith W. Hipel*
- Timing and Decision Making  
*Gil Greenstein*

Although any of the eight papers make sense isolated, alone, and in that sense each one can be considered complete, they constitute a coherent and harmonious set. That is, we have here a book on “Information and Knowledge Management in Decision Processes”, not a mere collection of papers. In fact, the Editors - *Isabelle Linden, Shaofeng Liu, Fátima Dargam and Jorge E. Hernández* - came to a very good achievement.

## THE REVIEW

To begin the review of this text, very well written and organized, pay attention to words like **Knowledge Sharing, Multicriteria Decision, Decision Support System, Trust and Understanding, Process Control Flow and Conflict Resolution**. They were collected from the papers titles mentioned above. And they refer to very important concepts or tools determinant for the all kind of organizations management. This stresses the idea of this book theme great importance.

Managing is deciding and, in most situations, in an uncertain environment. Hence all the research carried out by academics, scientists and professionals to create reliable systems for decision support and develop the tools to support them.

Described in this book are interesting situations and ways of dealing with them. The scientific rigor and clear way the issues are handled make it can serve as a very reliable guide to decision makers in real life.

It is, in short, an exceptional book with state-of-the-art results on “Information and Knowledge Management in Decision Processes”, essential for academics, scientists and managers, either seniors or beginners, and for anyone interested in these issues.

#### **REFERENCE**

Isabelle Linden, Shaofeng Liu, Fátima Dargam and Jorge E. Hernández (Eds.), Decision Support Systems IV-Information and Knowledge Management in Decision Processes, *Lecture Notes in Business Information Processes*, Volume 221. Springer International Publishing, Switzerland, 2015.