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## Enterprise Information Systems and Advancing Business Solutions: Emerging Models

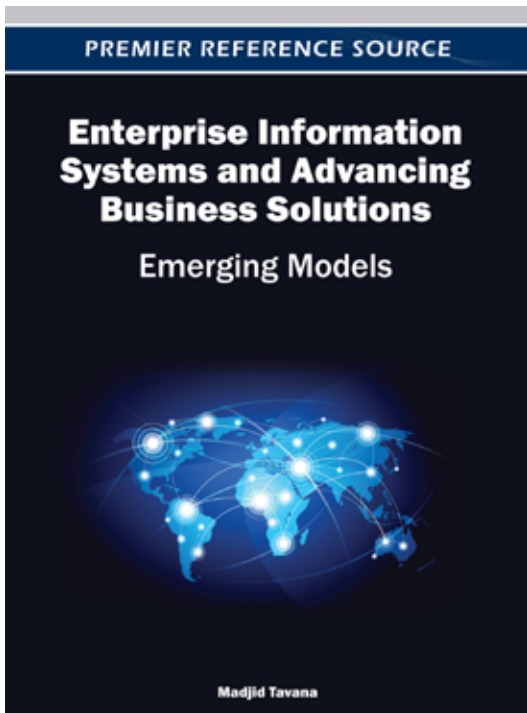
Madjid Tavana (La Salle University, USA)

Global markets and competition have forced companies to operate in a physically distributed environment to take the advantage of benefits of strategic alliances between partnering firms. With global operations in place, there is a need for suitable Enterprise Information Systems (EIS) such as Enterprise Resource Planning (ERP) and E-Commerce (EC) for the integration of extended enterprises along the supply chain with the objective of achieving flexibility and responsiveness.

**Enterprise Information Systems and Advancing Business Solutions: Emerging Models** is to provide comprehensive coverage and understanding of various enterprise information systems (EIS) such as enterprise resource planning (ERP) and electronic commerce (EC) and their implications on supply chain management and organizational competitiveness. Design, development, and implementation issues of EIS including ERP and EC will be discussed. These include organizational, people, and technological issues of EIS. This title will also expand the knowledge on ERP and EC and in turn help researchers and practitioners to develop suitable strategies, tactics, and operational policies for EIS and for improving communication in organizations.

### Topics Covered:

- Enterprise resource planning
- E-Procurement, Web-based logistics, and supply chain management
- Human-computer interaction on enterprise information systems
- Organizational issues on systems integration
- Decision support systems
- Decision analysis
- Expert systems
- Facilities planning and design
- Flexible manufacturing systems
- Game theory



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**Market:** This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.

**Madjid Tavana** is a Professor of Business Systems and Analytics and the Lindback Distinguished Chair of Information Systems and Decision Sciences at La Salle University where he served as Chairman of the Management Department and Director of the Center for Technology and Management. He has been a Distinguished NASA Research Fellow at Kennedy Space Center, Johnson Space Center, Naval Research Laboratory - Stennis Space Center and Air Force Research Laboratory. He was recently honored with the prestigious Space Act Award by NASA. He holds an MBA, a PMIS and a PhD in Management Information Systems and received his post-doctoral diploma in strategic information systems from the Wharton School of the University of Pennsylvania. He is the Editor-in-Chief for *Decision Analytics*, the International Journal of Strategic Decision Sciences, the *International Journal of Enterprise Information Systems* and the *International Journal of Applied Decision Sciences*. He has published over one hundred research papers in academic journals such as *Decision Sciences*, *Information Systems*, *Interfaces*, *Annals of Operations Research*, *Omega*, *Information and Management*, *Expert Systems with Applications*, *European Journal of Operational Research*, *Journal of the Operational Research Society*, *Computers and Operations Research*, *Knowledge Management Research and Practice*, *Computers and Industrial Engineering*, *Applied Soft Computing*, *Journal of Advanced Manufacturing Technology* and *Advances in Engineering Software*, among others.



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