

Information Technology Applications for Crisis Response and Management

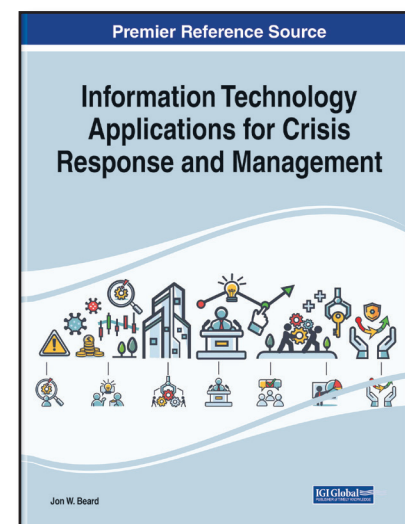
Part of the Advances in Human and Social Aspects of Technology Book Series

Jon W. Beard (Iowa State University, USA)

Description:

Properly addressing a crisis requires more than just guesswork and a reaction; it requires a properly structured approach supported by good information. With the rapid evolution of information systems and information technology, including hardware, software, the internet, and communications capabilities, there are abundant opportunities to apply these technology capabilities and resources to support and improve responses to and management of crisis situations. Approaches to crisis response and management include the design, development, implementation, and application of systematic methodologies on how to respond, and in seeking methods to apply information systems to enhance and extend response to crises.

Information Technology Applications for Crisis Response and Management provides a multi-disciplinary perspective on current and cutting-edge research exploring and extending our understanding of the use of information systems and information technology to support responses to crises of all kinds—accidental, intentional, and acts of nature. The chapters in this book focus on the design, development, implementation, use, and evaluation of information system technologies and methodologies to support crisis response and management, as well as technology management-related issues for crisis response and management. While highlighting technical, cognitive, organizational, and human-focused issues within the field, this book is ideal for policymakers, IT specialists, government officials, crisis response teams, managers, practitioners, researchers, academicians, and students interested in the use of information technology and information systems to support diverse types of crises.



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