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Collana	Lecture Notes in Business Information Processing, , 1865-1348 ; ; 301
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Soggetti	Application software Artificial intelligence Big data Natural disasters Data mining Information Systems Applications (incl. Internet) Artificial Intelligence Big Data/Analytics Natural Hazards Data Mining and Knowledge Discovery
Lingua di pubblicazione	Inglese
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Nota di contenuto	Social Networking and Big Data Analytics -- Comparative Study of Centrality Measures on Social Networks -- A framework to support Tunisian Tweets analysis for crisis management -- Exploiting Social Networking and Mobile Data for Crisis Detection and Management -- Robotic Systems for Crisis Management -- Robots in Crisis Management: A Survey -- ROLFER: An Innovative Proactive Platform to Reserve Swimmer's Safety -- Identifying Hazardous Emerging Behaviors in Search and Rescue Missions With Drones: A Proposed Methodology -- Towards Developing Dependable Systems Suitable for Crisis Management Applications -- Decision Making in the Context of Crisis

Management -- Hybrid Soft Computing Analytics of Cardiorespiratory Morbidity and Mortality Risk due to Air Pollution -- Understanding Decision Support in Large-Scale Disasters: Challenges in Humanitarian Logistics Distribution -- Decision making in Disaster Management: from crisis modeling to effective support -- Serious Games and Simulations -- A Crisis Management Serious Game for Responding Extreme Weather Event -- Learners' Assessment and Evaluation in Serious Games: Approaches and Techniques Review -- An Agent-based Meta-Model for Response Organization Structures -- Towards the design of response action in disaster management using knowledge modeling -- Collaboration and Information Sharing -- Towards a Framework for Cross-Sector Collaboration: Implementing a Resilience Information Portal -- Public expectations of disaster information provided by critical infrastructure operators: Lessons learned from Barreiro, Portugal -- Secure and Privacy-preserving Information Sharing for Enhanced Resilience. .

Sommario/riassunto

This book constitutes the refereed proceedings of the 4th International Conference on Information Systems for Crisis Response and Management in Mediterranean Countries, ISCRAM-med 2017, held in Xanthi, Greece, in October 2017. ISCRAM-med conferences aim to enhance the collaboration and solidarity between Mediterranean countries in issues related to crisis management. They offer an outstanding opportunity to address and discuss new trends and challenges in the area of Information systems and Technologies for Crisis Response and Management (ISCRAM). The 12 full and 5 short papers presented in this volume were carefully reviewed and selected from 39 submissions. They were organized in topical sections named: social networking and big data analytics; robotic systems for crisis management; decision making in the context of crisis management; serious games and simulations; and collaboration and information sharing. .
