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Descrizione fisica	1 online resource (XVI, 234 p. 65 illus.)
Collana	Lecture Notes in Business Information Processing, , 1865-1348 ; ; 196
Disciplina	658.4038
Soggetti	Computer simulation Organization Planning Natural disasters Application software Simulation and Modeling Natural Hazards Computer Applications
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Part: Supply Chain and Distribution -- A Location-Allocation Model for More Consistent Humanitarian Supply Chains -- Towards Large-Scale Cloud-Based Emergency Management Simulation "SimGenis Revisited" (Short Paper) -- Part: Modeling and Training -- Approaches to Optimize Local Evacuation Maps for Helping Evacuation in Case of Tsunami -- EDIT: A Methodology for the Treatment of Non-authoritative Data in the Reconstruction of Disaster Scenarios -- Towards a Decision Support System for Security Analysis: Application to Railroad Accidents -- Crisis Mobility of Pedestrians: From Survey to Modelling, Lessons from Lebanon and Argentina -- Supporting Debriefing with Sensor Data: A Reflective Approach to Crisis Training -- Part: Human Interactions in the Crisis Field -- Access Control Privileges Management for Risk Areas -- A Formal Modeling Approach for

Emergency Crisis Response in Health during Catastrophic Situation (Short Paper) -- Collaborative Re-orderings in Humanitarian Aid Networks -- Part: Coordination and Agility -- Towards Better Coordination of Rescue Teams in Crisis Situations: A Promising ACO Algorithm (Short Paper) -- A Multi-agent Organizational Model for a Snow Storm Crisis Management -- Agility of Crisis Response: From Adaptation to Forecast: Application to a French Road Crisis Management Use Case (Short Paper) -- The Dewetra Platform: A Multi-perspective Architecture for Risk Management during Emergencies -- Decision Support for Disaster Risk Management: Integrating Vulnerabilities into Early-Warning Systems -- Part: Social Aspects in Crisis Management -- Integration of Emotion in Evacuation Simulation -- Emotional Agent Model for Simulating and Studying the Impact of Emotions on the Behaviors of Civilians during Emergency Situations -- Emergency Situation Awareness: Twitter Case Studies.

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Sommario/riassunto

This book contains the refereed proceedings of the First International Conference on Information Systems for Crisis Response and Management in Mediterranean Countries, ISCRAM-med 2014, held in Toulouse, France, in October 2014. The aim of ISCRAM-med was to gather researchers and practitioners working in the area of Information Systems for Crisis Response and Management, with a special but not limited focus on Mediterranean crises. These include political crises, economic crises, natural hazards, and fatal industrial incidents. The 15 full papers included in this book were carefully reviewed and selected from 44 submissions. The contributions are organized in topical sections on supply chain and distribution; modeling and training; human interactions in the crisis field; coordination and agility; and social aspects in crisis management.

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