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Soggetti	Management information systems Computer simulation Application software Natural disasters Software engineering Business Information Systems Simulation and Modeling Information Systems Applications (incl. Internet) Natural Hazards Software Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Mobile Apps for Citizens -- Emergency Management and Smart Cities: civic engagement through gamification -- Improving first aid skills: how local conceptions of risk influence user engagement with the First Aid App in Israel and Malta -- Scenario-based evaluation of 112 application "Pomoc" -- Modelling and Simulation -- SPRITE - participatory simulation for raising awareness about coastal flood risk on the Oleron island -- BDI modelling and simulation of human behaviours in bushfires -- Obtaining optimal Bio-PEPA model using association rules : Approach applied to tuberculosis case study -- Optimization of Orchestration of Geocrowdsourcing Activities --

Development of Information Systems -- Visual Synthesis of Evolutionary Emergency Scenarios -- Modeling emergency care process taking into account its flexibility -- Information and Knowledge management -- Coordination Mining in Crisis : a tool and a case study -- A Rule-based Computer-Aided System for Managing Home Accidents in Childhood -- Collaboration and Coordination -- Building City Resilience Through Collaborative Networks: A Literature Review -- Towards integral security concepts for government buildings through virtual facility reconstruction -- Work Practice in Situation Rooms - An Ethnographic Study of Emergency Response Work in Governmental Organizations -- Towards Crisis Simulation Mediation Information System Engineering -- Social Computing -- Analyzing and Visualizing Emergency Information in a Multi Display Environment -- Which centrality metric for which terrorist network topology? -- Issues in Humanitarian Crisis -- Towards an agent-based humanitarian relief inventory management system -- Knowledge Management for the support of logistics during Humanitarian Assistance and Disaster Relief (HADR) -- Sentiment Analysis of Media in German on the Refugee Crisis in Europe. .

Sommario/riassunto

This book constitutes the refereed proceedings of the Third International Conference on Information Systems for Crisis Response and Management in Mediterranean Countries, ISCRAM-med 2016, held in Madrid, Spain, in October 2016. Information systems and technologies can play a key role in crisis management in order to support preparation, response, mitigation and recovery processes. Yet technology is not enough to guarantee a better management process, and therefore the conference does not only focus on engineering technologies, but also on their application and practical experiences. The 12 full and 8 short papers presented in this volume were carefully reviewed and selected from 36 submissions. They are organized in topical sections on mobile apps for citizens, modeling and simulation, development of information systems, information and knowledge management, collaboration and coordination, social computing, and issues in humanitarian crisis.
