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Descrizione fisica	1 online resource (288 pages)
Collana	IFIP Advances in Information and Communication Technology, , 1868-422X ; ; 706
Disciplina	363.348
Soggetti	Application software Computer engineering Computer networks Coding theory Information theory Social sciences - Data processing Computer and Information Systems Applications Computer Engineering and Networks Coding and Information Theory Computer Application in Social and Behavioral Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	-- Evacuation and Emergency Management. -- Risk and Control Assurance Framework for Emergency Management Projects. -- Digitalized Co-production of Emergency Response: Dispatch and on-site work by volunteer first responders. -- Proposing a Simple Method of Creating Tsunami Evacuation Simulations: Aiming to Empower Residents for Feasible Measures. -- Performance Evaluation of Flood Level Estimation Method using State-space Model with Time-series Monitoring Data. -- Situational Awareness. -- Snowed In and Cut Off: How a Norwegian Municipality Dealt with a Power Outage. -- Situational Disabilities in Emergency Management – Validation of

Realistic Scenarios for Training and Awareness-raising. -- TeamAware: Profile-based Interoperability Framework for First Responders. -- Social Media. -- Archiving Social Media Discussions in Time and Space: A focus on refugees from Middle East and related war conflicts during Jan 2015 – Apr 2016. -- Location Extraction in Disaster Tweets with a Model Trained on Past Data: Diverse Analysis. -- Analysis of Japanese Tweets on the Russian Military Invasion of Ukraine Focusing on Frequently Used Words and Emotional Expressions. -- Information Systems. -- The Paradox Of Information Systems In Crisis: Walking The Tight Rope Between Rigidity & Flexibility. -- Digital Supply Chain Roles in the Power Industry. -- A Multi-modal Approach towards Public Alerting and Effective Communication in Disaster Scenarios: Implementation in the Indian Context. -- Geographic Information System (GIS). -- Identification of Undesignated Evacuation Sites Location by Mobile Spatial Statistics. -- Derivation of Evacuation Routes to Avoid Narrow Road Adopting Physarum Solver. -- Evaluation of Sentinel-1 GRD data with GEE for Floods mapping in Rubkona, South Sudan. -- Healthcare. -- A Novel Proof of Concept Forecasting Model for Pandemics – A Case Study in New Zealand. -- Sensorized Maternal Health Interventions in Marginalized Communities: The Role of Surveillant Assemblages in Maintaining Compliance within Disaster-affected Healthcare Systems.

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#### Sommario/riassunto

This volume constitutes the refereed and revised post-conference proceedings of the 8th IFIP WG 5.15 International Conference on Information Technology in Disaster Risk Reduction, ITDRR 2023, held in Tokyo, Japan, during December 4-6, 2023. The 18 full papers were carefully reviewed and selected from 26 submissions. The papers were organized in topical sections as follows: Evacuation and Emergency Management; Situational Awareness; Social Media; Information Systems; Geographic Information System (GIS); and Healthcare.

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