1. Record Nr. UNINA9910728388403321 Autore Gjøsæter Terje **Titolo** Information Technology in Disaster Risk Reduction: 7th IFIP WG 5.15 International Conference, ITDRR 2022, Kristiansand, Norway, October 12–14, 2022, Revised Selected Papers // edited by Terje Gjøsæter. Jaziar Radianti, Yuko Murayama Cham: .: Springer Nature Switzerland: .: Imprint: Springer. . 2023 Pubbl/distr/stampa **ISBN** 3-031-34207-0 Edizione [1st ed. 2023.] Descrizione fisica 1 online resource (377 pages) IFIP Advances in Information and Communication Technology, , 1868-Collana 422X ; ; 672 Altri autori (Persone) RadiantiJaziar MurayamaYuko Disciplina 353.950285 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 contenuto Strategic Disaster Risk Reduction -- Situational Awareness --Telecommunications, Sensors and Drones -- Collaborative Emergency Management -- Cybersecurity and Privacy -- Earthquake and Climate Forecasting -- Social Media Analytics -- Community Resilience. This volume constitutes the refereed and revised post-conference Sommario/riassunto

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Information Technology in Disaster Risk Reduction, ITDRR 2022, held in Kristiansand, Norway, in October 2022. The 23 full papers presented were carefully reviewed and selected from 33 submissions. The papers

focus on various aspects and challenges of coping with disaster risk reduction. The papers are categorized in the following topical subheadings: strategic disaster risk reduction; situational awareness; telecommunications, sensors and drones; collaborative emergency management; cybersecurity and privacy; earthquake and climate forecasting; social media analytics; community resilience.