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Titolo	Construction Safety: Economics and Informatics Perspectives // edited by Rita Yi Man Li
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Descrizione fisica	1 online resource (216 pages)
Collana	Engineering Series
Disciplina	690.22
Soggetti	Fire prevention Buildings - Protection Buildings - Design and construction Fire Science, Hazard Control, Building Safety Building Construction and Design
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 1 - Tool Handling and Personal Protective Equipment Safety -- Chapter 2 - Underground and Excavation Construction Safety -- Chapter 3 - Confined Space Construction Safety -- Chapter 4 - Chemical Safety -- Chapter 5 - Electricity Safety -- Chapter 6 - Hazard Awareness -- Chapter 7 - Heat Stress and Construction Safety -- Chapter 8 - Health and Safety -- Chapter 9 - Informatics, Robotics, and Construction Safety -- Chapter 10 - Artificial Intelligence and Construction Safety -- Chapter 11 - Building Construction Safety -- Chapter 12 - Bridge Construction Safety -- Chapter 13 - Property Management and Maintenance Safety -- Chapter 14 - Tunnel Construction Safety -- Chapter 15 - Dam Construction Safety -- Chapter 16 - Utility Construction Safety -- Chapter 17 - Manhole Construction Safety -- Chapter 18 - Green Building Construction Safety -- Chapter 19 - Roof Construction Safety -- Chapter 20 - Vehicle and Plant Movement -- Chapter 21 - Road Construction Safety.
Sommario/riassunto	This book covers the economics of construction safety, such as the asymmetric information of different construction practitioners in Hong Kong, studies feminism in Australia's traditionally male-dominated

construction industry, and researches an efficient Small-Scale Contractors' construction health and safety performance management in Zambia. It also constructs the risk rating matrix and assesses occupational hazards identification and risk Assessment in Kaligandaki's Construction Project. Besides, it throws light on construction safety informatics, such as scaffolds safety via rule-based safety checking and BIM. It compares safety awareness in academic databases in construction, manufacturing, traffic, and health and food industries. It studies construction, real estate hazard, and urban renewal hazard articles indexed on the Web of Science. It conducts a systematic literature review on safety culture. Lastly, it reviewed refurbishment and demolition work in Hong Kong's legal databases.
