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| Titolo | Construction Safety: Economics and Informatics Perspectives // edited by Rita Yi Man Li |
| Pubbl/distr/stampa | Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023 |
| ISBN | 9789811932342 9789811932335 |
| Edizione | [1st ed. 2023.] |
| 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.
