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Titolo	Advances in Safety Management and Human Factors : Proceedings of the AHFE 2018 International Conference on Safety Management and Human Factors, July 21-25, 2018, Loews Sapphire Falls Resort at Universal Studios, Orlando, Florida, USA // edited by Pedro Miguel Ferreira Martins Arezes
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-319-94589-0
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (627 pages)
Collana	Advances in Intelligent Systems and Computing, , 2194-5357 ; ; 791
Disciplina	363.11
Soggetti	Quality control Reliability Industrial safety Occupational medicine Industrial psychology User interfaces (Computer systems) Engineering design Quality Control, Reliability, Safety and Risk Occupational Medicine/Industrial Medicine Industrial and Organizational Psychology User Interfaces and Human Computer Interaction Engineering Design
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	High reliability organisation principles of collective mindfulness: An opportunity to improve construction safety management -- Measure evaluation tool met: Promoting safety by optimizing the human scope of action -- Safety assessment for decommissioning worker -- Development of enterprise accident early warning system based on IOT -- Application fuzzy evaluation methods on safety management of industrial enterprise -- Dynamic analysis of enterprise security system

based on multi-level analysis and structural equation model -- Effect of experimental and mathematical modelling of spillway on dam safety -- Safety and risks factors affecting telecommunication mast riggers and technicians in Nigeria -- Risks related to the application of hydrogen propulsion technology in cars -- Analyzing the impact of group norms on workers' safety behaviors in a construction team Influential factors of unsafe acts of contractors in cape coast metropolis -- Influential factors of unsafe acts of contractors in cape coast metropolis.

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Sommario/riassunto

This book discusses the latest findings on ensuring employees' safety, health, and welfare at work. It combines a range of disciplines – e.g. work physiology, health informatics, safety engineering, workplace design, injury prevention, and occupational psychology – and presents new strategies for safety management, including accident prevention methods such as performance testing and participatory ergonomics. The book, which is based on the AHFE 2018 International Conference on Safety Management and Human Factors, held on July 21–25, 2018, in Orlando, Florida, USA, provides readers, including decision makers, professional ergonomists and program managers in government and public authorities, with a timely snapshot of the state of the art in the field of safety, health, and welfare management. It also addresses agencies such as the Occupational Safety and Health Administration (OSHA) and the National Institute for Occupational Safety and Health (NIOSH), as well as other professionals dealing with occupational safety and health.

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