

1. Record Nr.	UNINA9910736025703321
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Titolo	New Advances in Building Information Modeling and Engineering Management // edited by María de las Nieves González García, Fernanda Rodrigues, João Santos Baptista
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023
ISBN	3-031-30247-8
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (232 pages)
Collana	Digital Innovations in Architecture, Engineering and Construction, , 2731-7277
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Disciplina	363.69
Soggetti	Cultural property Building information modeling Construction industry—Management Virtual reality Augmented reality Cultural Heritage Building Information Modeling Construction Management Virtual and Augmented Reality
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Maintenance management of existing building supported on BIM -- Extending access to BIM information: merging augmented reality interfaces and semantic enrichment -- A review on the digitalization of on-site production management - Case study in a Portuguese construction company -- Historic Building Information Modeling (HBIM) and Common Data Environment. The Case Study of Palazzo Vitelli in San Giacomo in Città di Castello -- A workflow for photogrammetric and thermographic surveys of buildings with drones -- Digital asset production using lean design management. A conceptual framework -- Risk Assessment Comparative Analysis by the Method "Level of Preventive Action" in Three Case Studies -- An open-source built heritage management tool for inner areas -- The role of Blockchain

technology in the future of construction -- Trustless Construction
Project Information Exchanging Using Hyperledger Blockchain -- Open-
access software implementation for critical path problems arising in
planification theory -- Spanish construction emerging risks about
health and psychosocial risk -- Real Estate Market: Smart Renaissance.

Sommario/riassunto

This book explores the latest advances in the field of building management. Several chapters use new technologies such as the BIM methodology for collecting life cycle information and managing the maintenance of existing buildings, sharing valid historical and architectural heritage data, energy analysis of building envelopes, and planning new buildings or sustainable building practices. In addition, other tools are presented that focus on improving access to BIM information, open-source governance, mobile applications to accelerate information transfer, the use of blockchain, lean design methods, and open-source software to solve critical path problems. Some contributions feature the assessment of occupational risks in construction, as it is necessary to plan preventive measures based on risk assessments integrated throughout the construction process, which is another important element for the management of this sector.
