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Titolo	Project Management and BIM for Sustainable Modern Cities : Proceedings of the 2nd GeoMEast International Congress and Exhibition on Sustainable Civil Infrastructures, Egypt 2018 – The Official International Congress of the Soil-Structure Interaction Group in Egypt (SSIGE) // edited by Mohamed Shehata, Fernanda Rodrigues
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Descrizione fisica	1 online resource (268 pages)
Collana	Sustainable Civil Infrastructures, , 2366-3405
Disciplina	338.927
Soggetti	Geotechnical engineering Civil engineering Sustainable architecture Urban geography Architecture Computer simulation Geotechnical Engineering & Applied Earth Sciences Civil Engineering Sustainable Architecture/Green Buildings Urban Geography / Urbanism (inc. megacities, cities, towns) Cities, Countries, Regions Simulation and Modeling
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Implementing occupancy sensor lighting controls in a lab classroom -- Urban regeneration and resilience: evaluating the impact of regeneration projects on social resilience -- Strategic assessment for the sustainable combined sewer overflow problem in peoria, illinois, usa -- Sustainable and green solutions to the city of peoria combined sewer overflow problems -- Long-term strategies for sustainable funding of infrastructure in the usa -- Strategies for sustainable

funding of infrastructure in illinois, usa -- Risks affecting the delivery of construction projects in egypt: identifying, assessing and response -- Riam; a developed risk impact assessment model for risk factors affecting large construction projects -- Perception of consultants and contractors to performance factors of construction projects -- Utilization of project management tools for construction project success -- Text and information analytics for fully automated energy code checking -- Integrating bim-based simulation technique for sustainable building design.

Sommario/riassunto

This volume presents innovative work on innovative methods, tools and practices aimed at supporting the transition of Asian and Middle Eastern cities and regions towards a more smart and sustainable dimension. The role of the built and urban environment are becoming more pronounced in Asia and Middle East as the regions continues to experience rapid increase in population and urbanisation, which have only led to an increase in environmental degradation but also rise in energy consumption and emissions. Individual chapters covers timely topics such as sustainable infrastructure, transportation, renewable energy, water and methods supporting an innovative and sustainable development of urban areas. Real-world examples are presented to highlight recent developments and advancements in design, construction and transportation infrastructures. The volume is based on the best contributions to the 2nd GeoMEast International Congress and Exhibition on Sustainable Civil Infrastructures, Egypt 2018 – The official international congress of the Soil-Structure Interaction Group in Egypt (SSIGE).
