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Collana	Lecture Notes in Mechanical Engineering, , 2195-4364
Disciplina	658.5 620.0068
Soggetti	Industrial Management Building laws Buildings - Repair and reconstruction Buildings - Maintenance Operations research Industrial organization Building Law for Engineers and Architects Building Repair and Maintenance Operations Research and Decision Theory Industrial Organization
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Section 1_Business Management Issues -- Servitization and the Management of Engineered Assets -- Considerations on investment and business models -- Section 2_Risk Management Issues -- Planning Major Overhaul and Equipment Renovation Based on Asset Criticality and Health Index -- Graph Theory and Its Role in Vulnerability Evaluation of Infrastructure Networks -- Section 3_Asset Data and Information -- Aligning IIoT and ISA-95 to improve Asset Management in Process Industries -- Real Value of Data in Managing Manufacturing Assets -- Section 4_Asset Management Systems -- Integration of Asset Management Standard ISO55000 Automating data driven decisions for asset management – A how to framework for integrating OT/IT operational and information technology, procedures and staff with a

Maintenance Management Model -- Section 5\_Covid-19 Perspectives  
-- Engineering Asset Management at Times of Major, Large-Scale Instabilities and Disruptions -- The end of megaproject certainty: Post COVID-19 national infrastructure management.

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#### Sommario/riassunto

This book gathers selected peer-reviewed papers from the 14th World Congress on Engineering Asset Management (WCEAM), which was held in Singapore on 28–31 July 2019, as well as papers presented during the 1st WCEAMOnline event which focused on the ramifications of Covid-19 on infrastructure systems. This book covers a wide range of topics in engineering asset management, including: asset management services provisioning; servitization; decision-making; asset management systems; industrial Internet of things; and vulnerability and resilience of infrastructure systems. The breadth and depth of these state-of-the-art, comprehensive proceedings make them an excellent resource for asset management practitioners, researchers and academics, as well as undergraduate and postgraduate students.

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