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Titolo	Engineering Assets and Public Infrastructures in the Age of Digitalization : Proceedings of the 13th World Congress on Engineering Asset Management // edited by Jayantha P. Liyanage, Joe Amadi-Echendu, Joseph Mathew
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Descrizione fisica	1 online resource (XVIII, 950 p. 325 illus., 242 illus. in color.)
Collana	Lecture Notes in Mechanical Engineering, , 2195-4364
Disciplina	620.00452
Soggetti	Security systems Industrial Management Real estate management Buildings - Repair and reconstruction Buildings - Maintenance Operations research Industrial organization Security Science and Technology Real Estate Management Building Repair and Maintenance Operations Research and Decision Theory Industrial Organization
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Advances in modern Engineering assets and Infrastructure management -- Asset economics and costs -- Asset data management and Data science -- Asset decisions and Decision support -- Asset safety and Occupational health.
Sommario/riassunto	This proceedings of the 13th World Congress on Engineering Asset Management covers a range of topics that are timely, relevant and practically important in the modern digital era towards safer, cost effective, efficient, and secure engineered assets such as production

and manufacturing plants, process facilities, civil structures, equipment, machinery, and infrastructure. It has compiled some pioneering work by domain experts of the global Engineering Asset Management community representing both public and private sectors. The professional coverage of the book includes: Asset management in Industry 4.0; Standards and models; Sustainable assets and processes; Life cycle perspectives; Smart and safer assets; Applied data science; Workplace safety; Asset health; Advances in equipment condition monitoring; Critical asset processes; and Innovation strategy and entrepreneurship. 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.
