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Descrizione fisica	1 online resource (530 pages)
Collana	Advances in Intelligent Systems and Computing, , 2194-5365 ; ; 966
Disciplina	307.1416 620.82
Soggetti	Buildings - Design and construction Sustainable architecture Urban economics Computational intelligence User interfaces (Computer systems) Human-computer interaction Building Construction and Design Sustainable Architecture/Green Buildings Urban Economics Computational Intelligence User Interfaces and Human Computer Interaction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This book discusses human factors research directed towards realizing and assessing sustainability in the built environment and architecture. It reports on advanced engineering methods for sustainable infrastructure design, architecture as well as on assessments of the efficient methods and the social, environmental, and economic impact of various designs and projects. The book covers a range of topics,

including the use of recycled materials in architecture, ergonomics in buildings and public design, sustainable design for smart cities, design for the aging population, industrial design, human scale in architecture, and many more. Based on the AHFE 2019 International Conference on Human Factors in Architecture, Sustainable Urban Planning and Infrastructure, held on July 24-28, 2019, in Washington D.C., USA, it offers various perspectives on sustainability and ergonomics. As such, it is a valuable reference resource for designers, urban engineers, architects, infrastructure professionals, public infrastructure owners, policy makers, government engineers and planners, as well as operations managers and academics active in urban and infrastructure research.

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