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Autore	Cheshmehzangi Ali
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Altri autori (Persone)	SedrezMaycon ZhaoHang LiTian HeathTim DawoduAyotunde
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Nota di contenuto	Space and Resilience -- Innovations in Public Places -- Rethinking the Design of Vertical Green Spaces in the Post-Pandemic Era: Visitor Behaviour and Real-Life Cognitive Experience at Crossrail Place, London -- New Green Spaces for Urban Areas: A Resilient Opportunity for Climate Change Adaptation and Urban Health -- How Breaks in Nature can Affect the users' Wellbeing: an Experience-based Survey During the Lockdown (COVID-19): Strategies for Healthy and Resilient Green Areas in our Cities -- Tactical Urbanism as an Innovative Urban Governance Tool: Lessons from the COVID-19 Pandemic -- Urban Parks and Mental Health Recovery During the Pandemic: Insights from an Iranian Case Study -- Innovations in Buildings -- How to Deal with Epidemic

Disaster in Buildings -- Introduction to the Epidemic Prevention Design Standard of Residential Building -- Impact of High-touch Surfaces on Potential Transmission of Diseases in Offices and Public Buildings -- The Resilience Principles of the Built Environment in Light of Climate Change and the Post-Pandemic Era -- Towards Resilient Public Places and Buildings to Pandemics.

Sommario/riassunto

“Resilience vs Pandemics: Innovations in Public Places and Buildings” explores innovative solutions for architecture and public places during and after the pandemic. Additionally, the authors contribute to the documentation of architectural and social transformations that have been prompted by previous transmissible diseases, as this knowledge can inform responses to future pandemics. In this volume, the chapters present critical, exploratory, multi- and interdisciplinary, and cutting-edge research approaches; with a particular focus on the effects of COVID-19 and other highly transmissible diseases on the design, use, performance, and perception of the built environment, particularly at the building scale. This volume aims to organize a collection of scientific studies, reviews, analysis, recommendations, and solutions in the fields of urban design, architecture, design, landscape design, etc. The overarching goal is to document new approaches to create and enhance built environment resilience. Chapters shed light on novel methods, tools, processes, regulations, behaviours, and other relevant details contributing to a comprehensive understanding of this crucial issue. The two scales of the built environment under consideration are: (1) Public Places, including research on transformations (death, emergencies, changes), requirements, adaptability, usability, virtual immersion, historical perspectives, interactivity, shifts in use and programs, etc. (2) Buildings, including regulations, shifts in use and program, non-pharmaceutical interventions, human interactions, and human-machine interfaces. The book covers a wide range of studies, including physical and non-physical studies, which may refer to the city infrastructure, green/blue spaces, housing, policy-making, health services, social and economic issues, etc. The findings and results of various global case study examples contribute to the decision-making of governments, organizations, and institutions, as well as inspire scholars and future research for developing resilience in the post-pandemic era.
