



an Open Access Journal by MDPI

Industrial Heritage Protection and Sustainable Development in the Context of High-Density Urban Environment

Guest Editors:

Dr. Jiazhen Zhang

Faculty of Architecture and Urban Planning, University of Mons, 7000 Mons, Belgium

Dr. Chenyang Liao

College of Architecture and Environment, Sichuan University, Chengdu 610065, China

Deadline for manuscript submissions: closed (20 February 2024)

Message from the Guest Editors

This Special Issue delves into safeguarding industrial heritage and its role in fostering sustainable development within high-density urban environments. It explores strategies for conserving historic industrial sites while ensuring their compatibility with modern urban landscapes. By considering their cultural significance and environmental implications, this Special Issue aims to strike a harmonious balance between economic growth, heritage preservation, and urban livability. The findings presented within this Special Issue offer valuable insights into effectively leveraging industrial heritage as a catalyst for equitable and forward-thinking urban progress, benefiting current inhabitants and future generations.

Interested authors are cordially invited to submit their manuscripts, including original research articles, review articles, short communications, and case studies, for publication in this Special Issue. Topics of interest may include (but are not limited to) the following topics: Sustainable Development for High-density Cities Industrial Heritage Protection and Regeneration Cultural Preservation and Sustainable Development Adaptive Reuse Strategy

Specialsue



mdpi.com/si/183399





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. David Arditi

Construction Engineering and Management Program, Department of Civil, Architectural, and Environmental Engineering, Illinois Institute of Technology, 3201 South Dearborn Street, Chicago, IL 60616, USA

Message from the Editor-in-Chief

Current urban environments are home to multi-modal transit systems, extensive energy grids, a building stock, and integrated services. Sprawling neighborhoods are composed of buildings that accommodate living and working quarters. However, it is expected that the cities and communities of the future will face complex and enormous challenges, including maintenance. interconnectivity, resilience, energy efficiency, and sustainability issues, to name but a few. A smart city uses advanced technologies and a digital infrastructure to improve the outcomes in every aspect of a city's operations. A smart building optimizes the experience of occupants, staff, and management by using a modern and connected environment. Innovations in technology that can bring dramatic improvements to design, planning, and policy are critical in developing the cities and buildings of the future.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, and other databases.

Journal Rank: JCR - Q2 (Engineering, Civil) / CiteScore - Q1 (Architecture)

Contact Us

Buildings Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/buildings buildings@mdpi.com X@Buildings_MDPI