



Built Heritage Conservation in the Twenty-First Century

Guest Editors:

Dr. Vaidas Petrulis

Institute of Architecture and
Construction, Kaunas University
of Technology, 44405 Kaunas,
Lithuania

Dr. Raimondas Bliūdžius

Institute of Architecture and
Construction, Kaunas University
of Technology, Tunelio str. 60,
44405 Kaunas, Lithuania

Dr. Huriye Armagan Dogan

Institute of Architecture and
Construction, Kaunas University
of Technology, 44405 Kaunas,
Lithuania

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Message from the Guest Editors

Dear Colleagues,

The process of preserving built heritage challenges the institutional, technological, and conceptual notions of the twentieth century, and it becomes a global, deeply interdisciplinary, and digitally driven process. However, new opportunities go hand in hand with new uncertainties. Built heritage can no longer exist as a discipline autonomous from political, environmental, pandemic, and other global concerns. Referring to this, this Special Issue on “Built Heritage Conservation in the Twenty-First Century” in *Buildings* aims to provide a platform for the discussion of significant research challenges and achievements on the methods and technologies in the field of built heritage. It is expected to collect various results of research and practical experiences related to the definition of significance, identification of construction technologies and restoration methods, creation of adaptive reuse strategies, and other relevant topics. Dr. V. Petrulis warmly invites authors to submit their articles for potential inclusion in this Special Issue of *Buildings*, “Built Heritage Conservation in the Twenty-First Century”.



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.

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Buildings Editorial Office
MDPI, St. Alban-Anlage 66
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