Special Issue

Advances in Strategic Replanning and Reconstruction of Cultural Heritage

Message from the Guest Editors

The current context, strongly characterized by the economic and environmental emergencies, in a framework of events - defined as "anomalous" by many scientists and experts - which are putting a strain on Historical Heritage and natural and urbanized territories: war events, instability, catastrophes have highlighted the problem of the fragility of these contexts and the "fragility of memory". In such contexts are what the prospects for new approaches and evaluation methods to support sustainable strategies of replanning and reconstruction of historical heritage? Challenges arise related to the recognition of collective memories for the different communities: interdisciplinary approaches are required to transmit these fragile values. The theme of reconstruction is not only reuse, but also protection of memory, choice between adaptivity and selective deconstruction, evaluation and control of investments: the perspective is short and medium-long term, no longer linear, but circular.

Guest Editors

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About the Journal

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.

Editor-in-Chief

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