Innovative Approaches, Techniques and Technologies Related to Retrofitting Architectural Heritage for Sustainable and Resilient Cities

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Message from the Guest Editor

The ongoing technological and IoT system development in the scientific field has demonstrated how the traditional process for architectural heritage can meet innovative tools and methods, techniques and technologies to support technicians and policymakers in the analysis, assessment and transformation of this built heritage towards sustainable and resilient cities. In this context, this Special Issue aims to promote scientific exchange about frameworks, tools and methods for the promotion of innovative approaches, techniques and technologies for the reuse and energy and statical retrofitting of architectural cultural heritage, including (but not limited to):

- Reuse/recycling or application of new materials;
- Digital and virtual models and platforms for the assessment and management of the recovery and reuse design;
- Relational database for the management of technical data in the design process towards technical decision support systems;
- Methodologies aimed at surveying and monitoring architectural heritage exposed to natural and anthropic risks;
- Holistic approaches to enhance awareness and preparedness of users;
- Representative or best experiences (case studies).

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

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