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## Preservation and Revitalisation of Built Heritage

Guest Editor:

**Prof. Dr. Carolyn S. Hayles**

Cardiff School of Art and Design,  
Cardiff Metropolitan University,  
Cardiff CF5 2YB, UK

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### Message from the Guest Editor

Climate change is an increasing challenge for the management and conservation of our built heritage. Changing weather patterns are already contributing to accelerated degradation, whilst in some parts of the world, destructive climatic events have resulted in the loss of built heritage. Built heritage exposed to climate-related natural hazards attracts much attention because of the immediacy of the losses. Nevertheless, cumulative degradation risks impacting built heritage, and these risks can be further accelerated as a consequence of maladaptation. In addition, one of the barriers to climate change mitigation in the built heritage sector is the compatibility of energy-saving retrofit solutions with historic building fabric. There are challenges related to preserving the authenticity of historic buildings, maintaining their traditional passive behaviours and choosing adaptive solutions compatible with the characteristics of traditional materials to avoid accelerations in decay processes. It is thus important to understand what the enablers, or the barriers, are to reduce the carbon footprint of historic buildings and to meet climate change mitigation targets.



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National Research Council of Italy (CNR), Institute for Electromagnetic Sensing of the Environment (IREA), Via Diocleziano 328, 80124 Napoli, Italy

### Prof. Dr. Nicola Masini

1. CNR-ISPC (Institute of Heritage Science), 85050 Tito, Italy  
2. School of Architecture, University of Basilicata, Potenza, Italy

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Heritage Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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