



Preventive Conservation and Energy Efficiency of Heritage Buildings

Guest Editors:

Message from the Guest Editors

Prof. Dr. Elena Lucchi

Eurac Research, Institute for
Renewable Energy, Viale Druso 1,
39100 Bolzano, Italy

Prof. Dr. Davide Del Curto

Department of Architecture and
Urban Studies, Politecnico di
Milano, Piazza L. da Vinci 26,
20133 Milano, Italy

Deadline for manuscript
submissions:

closed (21 September 2020)

- Preventive conservation of cultural heritage: a contemporary perspective and new approaches
- Energy and environmental monitoring of heritage buildings and sites
- Criteria and methodologies for energy efficiency of historic buildings
- Case studies of energy retrofit of historic buildings
- Energy efficiency of heritage sites and city centers
- The impact of political and social agendas on energy efficiency of historic buildings
- Technical standards / National and international legislation
- Non-destructive technologies for cultural heritage (e.g. infrared thermography)
- Energy audit and simulation of historic buildings
- Building-HVAC modeling
- Conservation and management of 20th Century architecture
- Methodological approaches, specific methods and tools for preventive conservation and energy efficiency of cultural heritage
- High energy performance materials applied to cultural heritage
- Integration of heritage buildings and landscapes with renewable energy resources
- The human factor in the issue of energy efficiency of historic buildings (behavioral sciences: economics, sociology)
- Smart Solutions (e.g. Smart Home Technology) for preventive conservation and energy efficiency





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Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

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