

## Special Issue

# Spatial Data Science for Cultural Heritage Climatic Change Risk Assessment and Mitigation

### Message from the Guest Editors

Climatic change exposes cultural heritage assets to extreme conditions, which in tandem to geological/environmental hazards and anthropogenic interventions that threaten our cultural heritage. European Union has become sensitive of this situation and has initiated a number of projects and directives through the implementation of various methods and techniques for the mapping and monitoring of the hazards, modelling of the associated risks, and the development of smart mitigation measures for the protection of cultural monuments and sites. The proposed volume emphasizes the usage of spatial data science and geoinformatics in relation to the assessment and mitigation of the climatic change risk on cultural elements. This Special Issue will welcome manuscripts that link the following themes:

- Spatial data science;
- Cultural heritage risk assessment;
- Climatic change;
- Monitoring and mitigation measures;
- Modelling, deep data, and AI;
- Geospatial technologies.

We look forward to receiving your original research articles and reviews.

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### Guest Editors

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### Deadline for manuscript submissions

30 September 2025



## Heritage

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## About the Journal

### Message from the Editorial Board

*Heritage* is an international, peer-reviewed, open access journal that focuses on knowledge, conservation, interpretation and management of cultural and natural heritage, by presenting and enabling novelty and advances in sensing technologies, novel methods, best practices and policies. *Heritage* has the ambition to become a “cultural forum”, where scientists and experts offer answers to significant issues affecting cultural and natural heritage, by creating a knowledge bridge between different technological and social disciplines. *Heritage* has an Editorial Board of eminent international leaders and this ensures rigorous peer-review processing for high quality and novel papers. We strongly recommend *Heritage* for the rapid and professional publication of your innovative research and case studies.

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### Editors-in-Chief

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