

## Special Issue

# Mass Spectrometric and Radiometric Analyses in Cultural Heritage Preservation

### Message from the Guest Editor

This Special Issue aims to combine common and less common techniques in archaeometry such as mass spectrometry (stable isotope analysis), accelerator mass spectrometry (AMS technique), gamma spectrometry, liquid scintillation counting spectrometry (LSC technique) and other methods dealing with the nuclear properties of atoms. Along with the traditional isotopes of carbon, hydrogen, nitrogen, oxygen and sulphur, we welcome studies that focus on other stable isotopes and radioisotopes. How can we benefit from what is usually a negative side effect of human progress regarding nuclear applications? To what extent will nanoplastics affect the projection of human history into the future? What about the carbon footprint? Moving on from humans and biota, what challenges does our way of life pose to historical monuments and artworks in the world to come? Establishing an optimal environment for the preservation of cultural heritage can also mean reducing the direct impact that radioactivity has on artifacts. To what extent can this decision affect the perception of the past or of art? This volume is an invitation to answer these questions, along with many others.

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### Guest Editor

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### Deadline for manuscript submissions

30 November 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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