



New Technologies and Pathways to Sustainable Conservation of Cultural Heritage

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Message from the Guest Editors

Dear Colleagues,

Cultural heritage, whatever the composition and location is, can undergo deterioration by various factors. Climate change plays an important role in the degradation of Cultural Heritage. Mass tourism and incorrect conservation methods also act on the conservation of artworks.

In recent years, there has been growing interest in protecting both the environment and the operator who works on cultural heritage. Common restoration practices still involve substances with high impact on environment and human health because they often imply non-standardized restoration protocols, with mixtures of chemicals/biocidal products. Therefore, one of the main topics of this special issue is the research on innovative products for the conservation of cultural heritage.

Contemporarily, innovative non-destructive sampling techniques are being studied to monitor the state of conservation of an artwork without any damage and reduce the number of traumatic intervention/restoration activities. New analytical protocols should involve safe, non-toxic and sustainable methods for conservation science, which is also a substantial focus of this special issue.





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