

## Special Issue

# Sustainable Approaches to Biodeterioration/Biodegradation and Biotreatment in Cultural Heritage Environments

### Message from the Guest Editor

Biodeterioration occurs when living organisms chemically or physically alter the appearance of material objects. Organisms can colonise and destroy valuable cultural heritage. Many organisms including bacteria, moulds, higher fungi, viruses, mosses, lichens, and plants inhabiting cultural heritage can cause biodeterioration/biodegradation, but on the other hand produce interesting bioactive substances that we can use in conservation processes. Particular attention is paid to organisms/biocompounds that play a positive role in bioprotection, bioprecipitation, bioconsolidation, biocleaning, and biological control. Moreover, new advances in biotechnology and applied microbiology are providing important insights into cultural heritage conservation. The scientific results presented in this Special Issue “Sustainable Approaches to Biodeterioration/Biodegradation and Biotreatment in Cultural Heritage Environments” can contribute to a broader understanding of new perspectives for the future generation of biocontrol/preservation agents and methods with sustainability potential.

### Guest Editor

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