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Microclimate in Heritage

Guest Editor:

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Message from the Guest Editor

Microclimate is a major challenge for heritage conservation. Changes in environmental conditions such as temperature, humidity, airspeed, solar radiation, and pollution increase the risk of degradation and damage to cultural and natural heritage. In this context, accurate and efficient access to microclimate information and monitoring of microclimate change, so as to understand the decay of heritage brought by microclimate, are of great significance for the sustainable conservation of heritage.

This Special Issue aims to collect studies on assessments of the microclimate-related risks and innovative conservation methods, monitoring and diagnostic techniques, and predictive models. In addition to the important role of microclimate in heritage decay, this Special Issue will also consider intentional microclimate manipulation through showcases, microclimate painting frames, print frames, daguerreotypes, etc. The goal is to effectively assess conservation conditions and propose appropriate conservation programs to ensure the sustainable preservation of heritage.



