



## Advanced Coating Material for Heritage Preservation

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Deadline for manuscript  
submissions:

**closed (12 October 2023)**

### Message from the Guest Editors

Nowadays, influenced by natural and human factors, a large number of immovable cultural heritage sites are being destroyed. One of the keys to the successful protection of immovable cultural relics is the development of coating materials and technologies. Much evidence has proved that proper coating materials and techniques can protect immovable cultural relics; on the other hand, the use of the wrong materials would cause more serious damage. This requires researchers to design different coating materials and develop appropriate coating technology according to the actual situation. Towards this goal, we are assembling a Special Issue of *Coatings* to provide a platform for the researchers to publish their novel studies.

The theme includes (but is not limited to):

- Materials for use in the reinforcement of stone cultural relics;
- Fire-retardant coatings for wood cultural relics;
- Coating technology in heritage conservation;
- Super-hydrophobic coating;
- Multi-layer coating for cultural relics;
- Interactions between coatings and cultural relics;
- The degradation processes of coating materials in cultural relics;
- Novel coating and characterizations for cultural relics.





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## Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

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