

Special Issue

New Insights into Earthen Site Conservation: Methods, Techniques, Management, and Key Case Studies

Message from the Guest Editors

Earthen sites are ancient sites that hold significant historical, cultural, and scientific value, with earth serving as the primary building material. Their construction technology includes adobe, rammed earth, cast earth, and other methods, and their construction methods mainly include raw earth excavation, silt ramming, adobe masonry, wet earth, and mud pile construction. The protection of earthen sites has developed into a multidisciplinary field combining physics, chemistry, archaeology, geology, humanities, and art. Relevant research fields encompass protection concepts, value interpretation, disease mechanisms, protection technologies, preventive protection, and the digitization of cultural relics. Therefore, this Special Issue will focus on important areas such as surface corrosion analysis, protection, and heritage management at earthen sites. Our aim is to publish a collection of high-quality research and practical insights that explore innovative solutions and conservation strategies.

We look forward to receiving your contributions.

Guest Editors

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About the Journal

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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