

Special Issue

Multidisciplinary Research for the Monitoring and Preventive Conservation of Cultural Heritage

Message from the Guest Editors

Currently, the available technologies and methodologies for the Monitoring and Preventive Conservation of Cultural Heritage are promising and the scientific community has been finalizing studies to find approaches fast with effective and easy 3D documentation. The diagnostic process of stone material decay is very complex and cannot be described by a single discipline. The prevention and rehabilitation of monumental structures can only be successful by combining different methodologies. The multidisciplinary approach, starting from historic and architectural analysis to a complete mechanical, physical, mineralogical, and petrographic characterization of stone building materials, is believed to have the greatest chance of success. In this framework, the volume covers several research fields, from architecture to geology, going through material diagnostics, and aims to improve knowledge and plan restoration solutions. Papers dealing with the description of new integrated technologies and strategies for the Monitoring and Preventive Conservation of Cultural Heritage are welcome.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Minerals welcomes submissions that report basic and applied research in mineralogy. Research areas of traditional interest are mineral deposits, mining, mineral processing and environmental mineralogy. The journal footprint also includes novel uses of elemental and isotopic analyses of minerals for petrology, geochronology and thermochronology, thermobarometry, ore genesis and sedimentary provenance. Contributions are encouraged in emerging research areas such as applications of quantitative mineralogy to the oil and gas, manufacturing, forensic science, climate change, geohazard and health sectors.

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