



Natural and Artificial Building Stones: Insights from Petrophysical Properties and Consolidation Procedures

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Message from the Guest Editors

Dear Colleagues,

The great variety of types of natural stone and their availability have favored their wide use both in monuments and in historical and new buildings. However, each variety has characteristic properties, such as its mineralogy, texture, or structures, that ultimately determine their qualities or functionalities as construction materials. On the other hand, artificial stones are becoming more frequent because they can be lighter or cheaper than natural stone, as well as having specific characteristics on demand. For these reasons, it is important to know their behavior and durability. In the same way, the development of new consolidating products has grown exponentially. Despite this, the behavior of these products is still open to debate.

This Issue welcomes contributions both on the characterization of building stones by classic approaches in the laboratory and in the field, including novel insights through new techniques, as well as innovative products and procedures for the consolidation, in order to contribute to the understanding of the mechanisms and conditions that limit the durability of any building stones.





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Message from the Editor-in-Chief

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