

Special Issue

Mineralogical and Mechanical Properties of Natural Building Stone

Message from the Guest Editors

The Special Issue invites submissions that include original scientific research relating to natural building stone materials from well-known and/or new deposits and localities, as well as their role in worldwide monuments. The focus is exploration of different natural building stone materials, their mineralogical and mechanical properties, and their influence on durability and application in architecture. Topics of the Special Issue include, but are not limited to, the following: (1) The geological origin, distribution, and genesis of natural building stone with emphasis on its properties and durability; (2) Determination of mineralogical, petrological, geochemical, physical, mechanical, technical, and technological properties of natural building stone; (3) Innovative techniques and methodology for analyzing and determining natural building stone properties; (4) The application and utilization of natural building stone material concerning its decorativity and durability in different constructions and weathering conditions; (5) Application of natural building stone throughout history and in modern times, with an emphasis on properties and durability.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2025)



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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.

Editor-in-Chief

Prof. Dr. Leonid Dubrovinsky

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Journal Rank:

JCR - Q2 (Mining and Mineral Processing) / CiteScore - Q1 (Geology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.7 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).