



Petrography of Construction Materials: Compositional, Mineralogical and Textural Features

Guest Editor:

Prof. Dr. Gianluca Iezzi

Department of Engineering and
Geology, University G. d'Annunzio
of Chieti and Pescara, 66100
Chieti, Italy

Deadline for manuscript
submissions:
closed (31 March 2019)

Message from the Guest Editor

Dear Colleagues,

Natural and man-made construction materials have been used from many centuries. Indeed, aggregates, cements, mortars, concretes, bricks, tiles, or, in general, any rock-like ceramic are, by far, the most processed and exploited materials by man. Appearance, provenance, fabrication, strength, durability, insulation, failure, uses, etc., or, in general, peculiarities and macroscopic physico-chemical properties of building materials rely on three main aspects of their constituting phases: i) chemical composition (bulk and micro) or geochemistry, ii) crystalline and non-crystalline attributes, i.e., mineralogy, and iii) size, shape, distribution, orientation, etc., of particles and voids, i.e., textures. [...]

This Special Issue intends to unite researchers and experts using petrographic methods on the investigation of ancient and modern construction materials, as well as their wastes labelled CDW (construction and demolition wastes).

Prof. Gianluca Iezzi
Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Leonid Dubrovinsky
Bayerisches Geoinstitut,
University Bayreuth, D-95440
Bayreuth, Germany

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), GEOBASE, GeoRef, CaPlus / SciFinder, Inspec, Astrophysics Data System, AGRIS, and other databases.

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

Contact Us

Minerals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/minerals
minerals@mdpi.com
[X@Minerals_MDPI/](https://twitter.com/Minerals_MDPI/)