



Innovative Manufacturing Processes of Silicate Materials

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Message from the Guest Editors

Dear Colleagues,

The various sectors of modern industry are constantly looking for ever more efficient, but also economical and sustainable materials. To meet new needs, it is necessary to think not only in terms of raw materials, compositions, and microstructures but also in terms of manufacturing processes and architectures.

Within the scope of this Special Issue, it is our pleasure to invite you to submit original research papers, short communications, or state-of-the-art reviews related to silicate materials. The topics of interest include, but are not limited to:

- Alternative shaping routes such as : additive manufacturing, freeze casting, etc.
- Alternative sintering methods such as : microwaves, cold sintering, SPS, etc.
- Correlation processing/microstructure/properties;
- Modeling of processes or properties;
- Design of functional devices/prototypes (e.g., for catalysis, filtration...);
- Innovative characterization methods such as : in situ monitoring of drying, sintering, non-destructive methods, etc.





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Message from the Editor-in-Chief

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