



# Journal of Building Chemistry

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## EDITORIAL

### Introduction to the Journal of Building Chemistry

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I am delighted to welcome you to the first issue of the Journal of Building Chemistry (JBCh) – a new international, open access, peer-reviewed and interdisciplinary journal devoted to research on all aspects in the field of building chemistry. Building (construction) chemistry is an applied natural science, which was initially identified with the chemistry of construction materials. Isolation of the discipline as a sector of chemical and material sciences was in the first place caused by the growing economic significance of this area. Nowadays, when multidisciplinary problems are commonly met in building chemistry, a holistic approach is more significant.

Although there are several international journals in the area of building materials, there is none in the field of building chemistry. Therefore it is often very hard to share one's results with the scientific community. Journal of Building Chemistry is intended to fill the space between material engineering, civil engineering and chemistry. The Journal subjects are:

- chemical modification of concrete, gypsum, lime and wood,
- chemistry of additives and admixtures,
- chemistry of construction polymers,
- corrosion of construction materials (e.g. carbonation process),
- electrochemical reactions in construction materials,
- durability of building materials,
- hydration processes of cements,
- modeling properties of construction materials,
- nanomaterials in civil engineering,
- waste materials in building materials,
- sustainable development of materials,
- repair and protection of concrete structures,
- analysis of the construction materials market,
- case studies in civil engineering.

I would like to encourage Researchers and Practitioners in the area of building chemistry to submit your papers to the Journal of Building Chemistry. JBCh is the right choice for your research because we provide all of our content completely free. We promise a fast and fair review. After publication, your article will be freely available as a downloadable full-color document from the Journal of Building Chemistry website. With your support, I am sure that both your papers and Journal of Building Chemistry will gain the global recognition soon.

Daniel Wiliński  
Founder and Editor-in-Chief