

Special Issue

Fiber-Reinforced Polymer Composites for Building and Bridge Applications

Message from the Guest Editors

Recently, new fibers (such as basalt fibers) and new matrixes (such as geo-polymer matrixes) have shown great potential in lieu of traditional FRP composites in many engineering scenarios. For the safe and effective application of FRP composites in civil engineering, plausible approaches to aid in estimating the performances of such structures need to be developed. This Special Issue aims to present recent advances and emerging cross-disciplinary approaches in FRP composites. Special emphasis will be placed on but not limited to the following:

- FRP-strengthened concrete, steel, wood/bamboo, and 3D printing structures;
- Fiber-reinforced cementitious matrix (FRCM);
- Thin-walled FRP composites for building and bridge applications;
- Non-destructive evaluation (NDE) of composite-related structures;
- FRP in combination with non-traditional cementitious materials;
- Emerging algorithms and analytical approaches in composite structures.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Alexander Böker

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