Special Issue

Study and Applications of Resins in Civil Engineering

Message from the Guest Editor

Resins, as a category of polymer compounds including epoxy resins, polyester resins, phenolic resins, polyurethanes, and acrylic resins, etc., are widely used in civil engineering, such as pavements, bridges, tunnels, and construction buildings, due to their outstanding mechanical properties and moldability. However, the resins used in engineering only represent a fraction of the resin categories, and many other types of resins have the potential to be applied in engineering. Additionally, the wider application of conventional resins in civil engineering is hindered by limitations such as inadequate toughness, excessive shrinkage during curing, and poor aging resistance. Therefore, exploring the potential applications of new resins in civil engineering and improving resin performance through various modification techniques constitutes a significant research area. This field still requires extensive research and exploration to propel technological advancements in civil engineering. The scope of our journal includes, but is not limited to, the following fields:

- Applications of resins in civil engineering;
- Modification of resins;
- Properties of materials modified with resins.

Guest Editor

Prof. Dr. Hongliang Zhang
Key Laboratory for Special Area Highway Engineering of Ministry of Education, Chang'an University, Xi'an 710064, China

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Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

mdpi.com/journal/polymers

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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
Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

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