



materials



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Innovative Structures Made of High-Performance Materials

Guest Editors:

Prof. Dr. Haohui Xin

Department of Civil Engineering,
School of Human Settlements
and Civil Engineering, Xi'an
Jiaotong University, Xi'an, China

Prof. Dr. Qing Sun

School of Human Settlements
and Civil Engineering, Xi'an
Jiaotong University, Xi'an 710049,
China

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Message from the Guest Editors

Dear Colleagues,

The development of civil engineering structures is inseparable with the development of materials. Recently, the use of high-performance materials such as fiber-reinforced polymer (FRP), engineered cementitious composite (ECC), ultra-high-performance concrete (UHPC), high-strength steel (HSS) etc. has gradually increased in civil engineering. The application of high-performance materials in civil engineering benefits long-span and high-rise structures.

To promote the application of high-performance materials in civil engineering, this Special Issue aims to provide the data, models, and tools necessary to assess the failure mechanisms, fatigue damage calculation, stability behavior, and durability of innovative structures made of high-performance materials. Researchers are invited to provide original research and review articles that seek accurate and efficient failure analysis, fatigue damage evaluation, bulking analysis, and long-term behavior prediction related to structures made of high-performance materials.

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Special Issue



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Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

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Contact Us

Materials Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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