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Innovative Structures Made of High-Performance Materials

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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 fiberreinforced 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 highrise 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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Message from the Editor-in-Chief

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