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Surface Water Flood Nowcasting/Forecasting and Emergency Response Decision-Making

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Message from the Guest Editors

Dear Colleagues,

Surface water flooding is increasingly becoming a frequently occurring natural hazard of great concern for many regions around the world, and possibly a manifestation of the intensified precipitation cycles due to climate change and variability. It has proven to be especially problematic for developing countries. In China, a considerable amount of investment has been directed towards making cities more resilient to surface water flooding and creating the so-called Sponge Cities. Recent advances have been made in the development and application of methodologies for surface water flood modeling/forecasting and emergency service accessibility analysis. However, further efforts should be devoted to systematically examining the potential cascading pluvial flood impacts on emergency provision to vulnerable populations and associated facilities for emergency response decision-making. Here, the purpose of this Special Issue is to invite both applied and theoretical research in the field.

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Special Issue



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Message from the Editor-in-Chief

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