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Urban Expansion Prediction and Land Use/Land Cover Change Modeling for Sustainable Urban Development

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Deadline for manuscript submissions:
closed (15 October 2022)

Message from the Guest Editors

Dear Colleagues,

The dynamic and convoluted process of urban expansion, which happens via the conversion of land covers to land uses, imposes adverse impacts on the natural environment. Alleviating these impacts and maintaining sustainable urban development necessitates the development of reliable analytical methods for understanding the process of land conversion and predicting the location, extent, and intensity of urban expansion. This requires modeling land use/land cover change to recognize the driving forces of land conversion and explore their relative importance, investigating change trends, predicting urban expansion patterns, and simulating a variety of urban expansion scenarios. Studies mainly focused on urban expansion prediction and land conversion modeling but did not cover the impacts on the natural environment and sustainable growth. This Special Issue invites submissions addressing urban expansion and land use/land cover change considering sustainable urban development.

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Message from the Editor-in-Chief

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