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Application of Geographical Information System in Urban Design, Management or Evaluation

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Message from the Guest Editors

The concept of sustainability, an idea which can be defined as “the ability to meet the needs of the present without compromising the ability of future generations to meet their own needs”, centres the balance of human activities and the corresponding impact to the natural environment. Over recent decades, rapid global urbanization together with increasing urban population has maintained pressure on the limited natural and social resources. As such, a more sustainable way is required to conduct urban design, management and evaluation. In this context, there are many aspects related to the environmental, economical and social benefits for the policymakers of urban planning to consider: urban land use, spatial structure, pollution, transport accessibility, livability of human settlements, etc.

The purpose of this publication is to discuss the application of GIS in urban sustainability and provide better insights into urban planning, management or evaluation. This Special Issue invites researchers to publish papers on multi-dimensional analysis related to urban areas.



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Special Issue



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Message from the Editor-in-Chief

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