



## Challenges in the Integrated Physical–Virtual Modeling of Sustainable Smart Cities

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### Message from the Guest Editors

Nowadays, human activities are transforming from offline (physical space) to online (virtual space), in particular, during the pandemic. It is expected that this trend will continue even in the future new normal after the pandemic time. The contexts of human daily activities are moving beyond places in physical space to being in a hybrid of physical-virtual space. The co-existence of physical and virtual human activities has complexified the interactions between human and the environment. In this context, this Special Issue “Challenges in the Integrated Physical–Virtual Modeling of Sustainable Smart Cities” welcomes research papers on current and future innovations in urban systems for more sustainable operation.





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