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Observation for Resilient Cities and Human Settlements: Theory, Algorithms and Applications

Guest Editors:

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Deadline for manuscript submissions:
closed (31 May 2023)

Message from the Guest Editors

The synthesized observation, modelling, and assessment of multi-elements or dimensions with the interaction among urbanization, land, ecosystems, and climate systems, and their sustainable and resilient solutions or regulating pathways should be engaged as soon as possible from local to regional and global scales toward 2035/2050 or 2100. We welcome manuscripts from the global research community actively involved in this special issue, wishing to improve urban resilience and promote urban sustainability. The potential topics include but are not limited to:

- Scientific theory and knowledge mining for resilient cities and human settlements and their assessment indicator systems.
- Novel models and synthesized algorithms for satellite observation, both ecosystem and climate simulation for resilient cities building from local to regional and global scales.
- Solutions for resilient cities or strategies for climate adaptation associated with Nature-based solutions (NBSs), urban green infrastructure (UGI), and others.
- Practical and application cases as pioneers from megacities, cities, or towns guided by resilient cities or climate adaptation globally.

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Editor-in-Chief

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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