

Special Issue

Innovative Solutions for Mitigating Coastal Flooding in a Context of Climate Change

Message from the Guest Editors

Many coastal cities internationally are caught in a pincer effect when it comes to flooding in the context of climate change. Conventional flood mitigation strategies that focus on discharging inland runoff into rivers as quickly as possible, and coastal defense strategies involving engineering structures with a single function (e.g., sea walls) are no longer adequate. This Special Issue brings together leading research that introduces or advances innovative approaches for mitigating coastal city flooding. We invite original research, methods, systematic reviews, and critical discussion papers on new ideas that deal with novel design, planning policy, governance or management approaches on, but not limited to, the following topics:

- Returning large grey infrastructure areas or networks to blue green infrastructure in the inner city.
- Restoring and expanding municipal or privately owned wetlands, riparian corridors, and floodplains through innovative development controls.
- Adapting cities to flooding through raising the first-floor level of flood-prone buildings, requiring floodable land uses (e.g., agricultural land), or urban open space as temporary storage.

Guest Editors

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Deadline for manuscript submissions

closed (19 January 2024)



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About the Journal

Message from the Editor-in-Chief

Land is the only open access journal covering all aspects of land science, and it is a pioneering platform for publishing on land system science. Our editorial board is comprised of eminent scholars. We publish high quality research on societally relevant, emerging and innovative topics and results in land system research. It is now one of the top land journals with a significant Impact Factor, and has a goal to become the best journal in land in the coming years.

Editor-in-Chief

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