



water

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Salt Intrusion in Coastal Areas

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Deadline for manuscript
submissions:

closed (10 March 2022)

Message from the Guest Editors

We invite coastal scientists to contribute to this Special Issue of *Water* dedicated to collecting state-of-the-art investigations based on numerical, observational, or theoretical results on the salt intrusion in coastal regions. Topics covered by this [Special Issue](#) include but are not limited to:

1. Underlying physical dynamics of salt intrusion in coastal bay, estuaries, tidal river, aquifers, and salt marsh.
2. Impact of sea-level rise on salt intrusion, based on long-term observational data or numerical modeling.
3. Impact of severe drought or rainfall on the salt intrusion and how the coastal system recovers from such dramatic events.
4. Impact of human intervention (human activities, dredging, ecological engineering or ocean engineering, etc.) on salt intrusion.
5. Impact of future salt intrusion on coastal resources and economy.
6. Engineering solutions to remediate issues relevant to salt intrusion.
7. Theoretical and analytical analysis of the salt intrusion.

Both original research and reviews are welcome.



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Special Issue



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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

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