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Monitoring, Reclamation and Management of Salt-Affected Lands

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Message from the Guest Editors

Dear Colleagues,

Salt-affected soils are present in nearly every irrigated area of the world and also occur on non-irrigated croplands and rangelands. Therefore, to sustain life on earth, it is vital and urgent to control these problems and find innovative and comprehensive ways to use these extensive salt-affected soils and marginal water resources, at least for agricultural purposes. The Special Issue will link between water and salt regimes, carbon and nutrient cycling, and fertility improvement, and focus on soil, water, and salt and associated agricultural and ecological issues in coastal saline-alkaline land. Specifically, the topics for this Special Issue include but are not restricted to:

1. High-tech in soil salinity mapping, monitoring, and assessment;
2. Hydrological, ecological, and environmental consequences from excessive agricultural reclamation, urbanization, and other negative human disturbances in coastal zones;
3. Soil and water conservation and soil resource management for regional development and catchment governance in coastal zones; [...]

For more details, please find at:

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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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