

Special Issue

Salinization of Water Resources: Ongoing and Future Trends

Message from the Guest Editor

The aim of this Special Issue of *Water* is to present the latest research on the quantification of surface and groundwater salinization processes in the surface water–soil–aquifer continuum. The most susceptible zones to such processes are coastal areas, which are also the most populated regions of the Earth. In such areas, the significant increases in sea level and atmospheric temperatures due to climate change could exacerbate water resources salinization. Even areas distant from the sea can be threatened by water resource salinization, for example, in arid areas, evapoconcentration processes can lead to salt accumulation and soil salinization and in mining areas, formation waters are pumped away for excavation purposes or from desalination plants that produce high amounts of brine. Thus, to correctly quantify and predict of water resources salinization trends, hydrological, hydrogeological, and geochemical processes must be well characterized. [...]

For further reading, please follow the link to the Special Issue Website at:
https://www.mdpi.com/journal/water/special_issues/water_salinization

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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.

Editor-in-Chief

Dr. Jean-Luc PROBST

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