



Big Data and Artificial Intelligence in Sustainable Water and Wastewater Management

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Message from the Guest Editor

We have been scratching our head on big data that are collected in water and wastewater management with the question, “now what?”.

Artificial intelligence (AI) provides new opportunities to use big data for better insight into optimization, control, and sustainability. Furthermore, deterministic models are limited in real-time prediction due to the inability to formulate complex processes. There have been substantial research activities in water and wastewater industries to apply AI for big data analysis.

This special issue is aimed to compile research activities that occurred all over the world on water and wastewater management and to provide future research directions.

The scope of the special issue is as follows:

1. Water quality management in rivers, lakes, and ocean;
2. Decision making for infrastructure investment;
3. Water treatment plant operation and optimization;
4. Wastewater treatment plant operation and optimization;
5. Energy management in water and wastewater management.





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Message from the Editor-in-Chief

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