Special Issue

Advances in Methodologies for Water and Waste Load Allocation

Message from the Guest Editor

Today, with the increase in population and need for water, water supplies have some limitations, and with the rise in discharging pollution, the amount of water with suitable quality is a primary concern. This Special Issue's objective is to provide the reader with information on recent advances in water and waste load allocation models using various algorithms. In the last century, the importance of water quality/quantity management based on increasing human activities has led researchers to develop water and waste load allocation models. Contributions dealing with advanced optimization models in water systems are of interest for publication. Additionally, papers relating to developing water and waste load allocation using simulation-optimization methodologies considering stakeholders and using decision-making such as game theories and economic and social issues are welcome. Moreover, papers on the water and wastewater market and trading discharge permits are welcome. The Special Issue aims to collect contributions from different methodologies in water and waste load allocation, thus allowing scientists to compare and analyze aspects for solving this challenge.

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2023)

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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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