

Special Issue

Basin Water Science and Green Development

Message from the Guest Editor

This Special Issue focuses on basin water science and green development from the perspective of basin development, exploring the problems of water science, and analyzing the relationship and mechanism between basin development and water security. The main topics include processes, mechanisms, and treatment technology of water pollution in river and lake basins; lake and reservoir eutrophication; the relationship between basin development and water pollution and its mechanism; new technologies and materials for water pollution control; biogeochemistry of nitrogen and phosphorus; evolution and driving mechanism of water ecosystem; water ecological risk assessment and prevention; sediment pollution mechanism and release control; water safety and risk control; basin evolution and its relationship with economic and social development and its driving mechanism; and so on.

Guest Editor

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Deadline for manuscript submissions

closed (15 October 2021)



Water

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Impact Factor 3.0
CiteScore 6.0



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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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