Special Issue

Advances in Plateau Lake Water Quality and Eutrophication

Message from the Guest Editors

As a global environmental issue, eutrophication of water bodies is receiving increasing attention. Numerous studies indicate that the occurrence of eutrophication in lakes is influenced not only by water quality conditions but also by geographical and meteorological factors, as well as the hydraulic conditions and aquatic ecosystems present in these lakes. Significant regional differences exist in the relationship between the inherent nutritional status, nutri-ent load entering lakes, and the effects of eutrophication across different regions.In response, this Special Issue systematically analyzes the nutrient levels, plant community structures, and water quality of representative plateau lakes at various stages of eutrophication research. It also investigates the characteristics and influencing factors of eutrophication evolution in these lakes, aiming to elucidate the trends of envi-ronmental changes in lakes and their surrounding areas, as well as the impact of human activities on lake environ-mental changes. This Special Issue provides theoretical support for the sustainable management of water resources in plateau lakes.

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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

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