Special Issue

Cycling, Controlling, and Recapturing of Phosphorus in Eutrophic Waters

Message from the Guest Editors

The global phosphorus (P) reserve, largely derived from phosphate rock, is essential for crop growth to support the growing world population. However, a significant proportion of phosphorus used as a fertilizer runs into natural waters, and most P in food is eventually discharged as waste after being digested by humans and animals, causing eutrophication and ecological damage. This Special Issue of *Water* aims to compile the latest advances in our understanding of the biogeochemical P cycle, its impact on the aquatic ecological system, how it can be repaired and controlled by engineering measures, and whether the excess P in natural waters can be re-captured and utilized as a resource. Original contributions in ecological, geochemical, biological, physical, hydrologic, social, and management aspects of natural water pollution and circular economy will be welcomed. For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/eutrophic_waters

Guest Editors

Prof. Dr. Gang Pan

School of Animal, Rural and Environmental Sciences, Nottingham Trent University, Southwell NG25 0QF, UK

Dr. Grant Douglas

Land and Water, CSIRO, Wembley, WA 6913, Australia

Prof. Dr. Robert Mortimer

School of Humanities, York St John University, York YO31 7EX, UK

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Water
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

mdpi.com/journal/water

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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
Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, France

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