



water



an Open Access Journal by MDPI

Effects of Climate Change on Inland Water Temperature

Guest Editors:

Prof. Dr. Mariusz Ptak

Department of Hydrology and Water Management, Adam Mickiewicz University, Krygowskiego 10, 61-680 Poznań, Poland

Prof. Dr. Mariusz Sojka

Department of Land Improvement, Environmental Development and Spatial Management, Poznań University of Life Sciences, Piątkowska 94E, 60-649 Poznań, Poland

Deadline for manuscript submissions:

closed (31 August 2023)

Message from the Guest Editors

Inland waters are of key significance in purely environmental terms, but also in their direct importance in human life. Due to the observed climate change, many current processes are subject to transformation, considerably affecting the functioning of the lakes and rivers ecosystem. According to the forecasts of climate change, in most assumed scenarios, the current direction will not change, and the rate of change can be even higher than it is today. It is important to have as detailed information as possible on the response of lakes and rivers to climate change. Such knowledge provides the basis for the interpretation of changes in a broader aspect referring to lakes and rivers catchments or regions. We encourage all authors dealing with the broadly defined issue of the thermal regime of lakes and rivers studies to publish their papers in the present Special Issue. In addition to its purely scientific character, knowledge concerning the responses and rate of changes occurring in lakes and rivers due to climate conditions can also have an applicative character, providing the necessary basis for undertaking corrective measures aimed at slowing down the effects of global warming.



mdpi.com/si/160846

Special Issue



water



an Open Access Journal by MDPI

Editor-in-Chief

Dr. Jean-Luc PROBST

ECOLAB, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, campus ENSAT, Auzeville Tolosane, France

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (*Water Resources*) / CiteScore - Q1 (*Water Science and Technology*)

Contact Us

Water Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/water
water@mdpi.com
[X@Water_MDPI](https://twitter.com/Water_MDPI)