



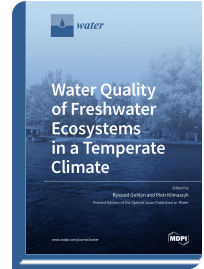
Special Issue Reprint

Water Quality of Freshwater Ecosystems in a Temperate Climate

www.mdpi.com/books/reprint/3015

Edited by
Ryszard Gołdyn
Piotr Klimaszyk

ISBN 978-3-03943-414-5 (Hardback)
ISBN 978-3-03943-415-2 (PDF)



This Special Issue consists of fourteen original scientific articles concerning different problems associated with the water quality of freshwater ecosystems in a temperate climate. Most of the articles deal with the relationship between water quality and the structure of ecosystem biocenoses. The conclusion of these articles confirms the fact that the deterioration of water quality has a direct impact on the quantitative and qualitative structure of biocenoses. This is accompanied by a decline in biodiversity and the disappearance of rare plant and animal species. They also draw attention to the particular importance of internal physical and chemical differentiation within the aquatic ecosystem, both in horizontal and vertical dimensions. The problem of ensuring proper ecological conditions and good quality of water in freshwater aquatic ecosystems is also raised, and various methods for the restoration of water bodies are presented. This Special Issue contributes to a better understanding of the causes of water quality deterioration, the mechanisms responsible for the functioning of ecosystems, including the decrease of biodiversity and the possibilities of improving their condition. Thus, it can be helpful for regaining the good ecological status of water bodies required by the Water Framework Directive.



Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/3015

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.