

Special Issue

Water Quality Assessment and Pollution Analysis of Surface Water, Wastewater and Groundwater

Message from the Guest Editors

Water is a basic resource for any living thing. The survival and development of human societies depend on the availability of abundant, high-quality water. However, access to water is becoming more challenging for many people worldwide, not only due to its scarcity but also the presence of different pollutants. The United Nations has highlighted the importance of water to human beings by placing it at the center of 2 of the 17 Sustainable Development Goals, namely SDG 6, Clean water and sanitation, and SDG 14, Life below water. Nonetheless, defining water quality is not an easy task, since different water uses require different qualities. Thus, it is important to have a technical and legislative framework that determines which pollutants should be measured, the analytical techniques to be employed and the contaminant concentration limits for the different water uses. The constant appearance of new pollutants makes the situation more challenging for scientists and legislators. This Special Issue intends to review the latest advances in the definition of water quality parameters and the analytical techniques to improve their detection limits, economic cost and reliability.

Guest Editors

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Editor-in-Chief

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