Special Issue

Aquatic Organisms in Toxicology and Environmental Health

Message from the Guest Editor

Aquatic systems, serving as ultimate sinks, have been receiving discharges from domestic and industrial wastewaters. Given that some rivers and lakes are utilized as water supplies, this poses significant threats to human health. Effective water quality control and management are essential for safeguarding the health of both ecosystems and human populations. While physical and chemical indices can provide information on pollutants, they do not fully capture the potential synergistic or additive effects among various pollutants in water. Biological monitoring has proven to be particularly effective in assessing the environmental risks posed by pollutants in aquatic ecosystems. To date, numerous aquatic organisms, including algae, macrophytes, zooplankton, insects, bivalve mollusks, gastropods, fish, amphibians, and other aquatic species, have demonstrated utility in evaluating these risks. The use of living sentinel organisms enables the integration of diverse bioavailable pollutants present in the environment with assessments of their toxicity, providing an early warning for the health of ecosystems and the human population.

Guest Editor

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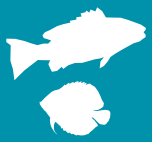

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Message from the Editor-in-Chief

Fishes is a multidisciplinary open access journal focusing on reports of original research and critical reviews and synthesis from the broad area of fishes and aquatic animals. The ultimate objective of *Fishes* is to facilitate the discovery of connections between research areas, advancing science and filling knowledge gaps, and providing solutions for all present and future issues encountered in the sector of fisheries and aquaculture. As Editor-in-Chief, I encourage you to consider *Fishes* for your scientific papers and would be pleased to welcome you as one of our authors.

Editor-in-Chief

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