

# Topical Collection

## Effects of Pollutants on Fish

### Message from the Collection Editors

Today, a great part of pollutants exhibit biomagnification and bioaccumulation capabilities with a broad spectrum of impacts and can stress aquatic organisms. Fish have been widely documented as indicators of environmental water quality. This Special Issue also welcomes epidemiological studies on the presence and accumulation of pollutants in wild and farmed fish in order to give a comprehensible comparison on the presence of toxicants. Epidemiological studies focused on the analysis of the accumulation levels of pollutants in the tissues of benthonic, demersal, and pelagic fish are also welcome. Potential topics include:

- Hematological response to environmental pollution in fish
- Chemical pollution in aquatic environment and oxidative stress in teleost
- Pollution and immune response in fish
- Aquatic animal (fish) models for bioaccumulation
- The toxicological effects of pollutants on physiological functions in fish
- Effects of chemical stressors at the biochemical and cellular levels
- Epidemiological studies on the presence of pollutants in fish
- Morpho-physiological adaptations of fish to water pollutants

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### Collection Editors

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## Animals

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## About the Journal

### Message from the Editor-in-Chief

*Animals* is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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