

## Special Issue

# Aquatic Toxicology and Aquaculture: Questions and Advances

### Message from the Guest Editors

The aquaculture sector records constant growth trends globally triggered by the progressive increase in the world population and the consequent growing demand for food. The increase in aquaculture activities is also closely linked to other issues, such as increased environmental pollution, climate change, and invasive species. This Special Issue aims to focus on the problems and progress of aquaculture and aquatic toxicology. In particular, the topics include:

- Innovation in sustainable aquaculture;
- Farmed seafood safety;
- Relation between aquaculture and marine pollution;
- New emerging pollutants (nanomaterials, micro/nanoplastics, per and poly fluoroalkyl substances -PFAS, etc.);
- New methodologies for detection of marine pollution;
- Aquaculture and climate change;
- New bred “invasive” species and impact on marine ecosystems;
- Aquaculture of freshwater bivalves;
- Applications of biofiltration to water remediation.

Submissions are invited for both original research and review articles.

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### Guest Editors

Dr. Antonio Calisi  
Prof. Dr. Francesco Dondero  
Prof. Dr. Tiziano Verri

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### Deadline for manuscript submissions

closed (31 March 2023)



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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