



Environmental Impacts of Land-Based Aquaculture

Guest Editor:

**Prof. Dr. Cosmas
Nathanailides**

Faculty of Agriculture, University
of Ioannina, GR 47100 Arta,
Greece

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Message from the Guest Editor

Dear Colleagues,

Global aquaculture is a rapidly growing agricultural sector contributing to global food production. However, the rising aquaculture sector is facing several environmental challenges, including competition with other agricultural sectors for water, land, and ecological resources. A particularly promising method of production is land-based aquaculture. Land-based fish farms are contributing globally to the growth and value of the sector by cultivating several freshwater fish species, including Salmonidae cyprinidae and eel species. The value of inland aquaculture exceeds by far the production of marine floating cages and other offshore aquaculture production methods.

The aim of this Special Issue is to provide a platform to present water quality and other environmental issues and prospects for sustainable inland water aquaculture development. Contributions which address water quality, fish welfare, environmental issues, and aquaculture engineering and recirculating aquaculture systems of land-based aquaculture are particularly welcomed.

Keywords: inland aquaculture; ponds; recirculating system; Salmonidae cyprinidae





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Prof. Dr. Maria Angeles Esteban

Department of Cell Biology and Histology, Faculty of Biology, University of Murcia, 30100 Murcia, Spain

Message from the Editor-in-Chief

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Fishes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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