



Physiological Responses of Fishes to Nutrition Management and Environmental Stresses

Guest Editors:

Dr. László Ardó

Research Center for Fisheries and Aquaculture, Institute of Aquaculture and Environmental Safety, Hungarian University of Agriculture and Life Sciences, Szarvas, Hungary

Dr. Janka Nagyné Biró

Research Center for Fisheries and Aquaculture, Institute of Aquaculture and Environmental Safety, Hungarian University of Agriculture and Life Sciences, Szarvas, Hungary

Deadline for manuscript submissions:

closed (30 September 2024)

Message from the Guest Editors

Dear Colleagues,

Aquaculture industry is becoming more and more important source of fish and other kinds of seafood, as capture fish industry is declining, because of the exploitation of wild stocks. Due to the increasing demands, fish farming systems will be more intensive and industrialized, which results in a more stressful environment for the farmed fish. Crowding, hypoxia and hyperoxia are typical stressors that have detrimental effects on physiological functions of fish. They affect growth, disease resistance and survival, therefore it is important to know the effect of different stressors and the stress resistance of various farmed fish species. Another important aspect is providing high quality feeds for intensive aquaculture. Using adequate feed ingredients or additives can increase the resistance of fish, decreasing or eliminating the negative effects of various stressors related to intensive rearing conditions.

We encourage you to share new information about physiological responses of fishes to nutrition management and environmental stresses.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

Curtin University Sustainable
Policy (CUSP) Institute, Curtin
University, Kent St., Bentley, WA
6102, Australia

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PubAg, AGRIS, Animal Science Database, CAB Abstracts, and other databases.

Journal Rank: JCR - Q1 (Veterinary Sciences) / CiteScore - Q1 (General Veterinary)

Contact Us

Animals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/animals
animals@mdpi.com
[X@Animals_MDPI](#)