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Physiological Responses of Fishes to Nutrition Management and Environmental Stresses

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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.



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Special Issue



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Editor-in-Chief

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Message from the Editor-in-Chief

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