

Special Issue

Nutrition and Physiology of Marine Fish

Message from the Guest Editors

Fish account for 20% of the global population's animal protein intake. In particular, marine fish are unique and rich sources of omega-3 long-chain polyunsaturated fatty acids (e.g., DHA, EPA) with beneficial effects on human health. Scientists believe that fish farming will constitute a much more important food and protein source in the future. An optimal nutrient supply is crucial to fish growth, health, and reproduction during farming. For a long time, the main focus of marine fish nutrition studies has been on nutrient requirements; however, in recent decades, the interaction between nutrition and physiology has drawn a great deal of attention. The digestion, absorption, and metabolism of nutrients are associated with physiological responses in fish. For instance, the questions of why high-carbohydrate feeds induce "diabetes" in fish, and whether fishmeal can be totally replaced by plant proteins, remain to be answered. This Special Issue aims to collect studies that focus on the physiology, biochemistry, and nutrition of marine fish. We look forward to receiving your contributions.

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About the Journal

Message from the Editor-in-Chief

The *Journal of Marine Science and Engineering* (JMSE, ISSN 2077-1312) is an international peer-reviewed open access journal which provides an advanced forum for studies related to marine science and engineering. The journal aims to provide scholarly research on a range of topics, including ocean engineering, chemical oceanography, physical oceanography, marine biology and marine geosciences. We invite you to publish in our journal sharing your important research findings with the global ocean community.

Editor-in-Chief

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