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Seafood: Quality, Shelf Life and Sensory Attributes

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Message from the Guest Editor

Seafood is an important element of our diets. The latest FAO “State of World Fisheries and Aquaculture” document in 2020 mentioned that 156 million tonnes of seafood was destined for human consumption, and a 122% rise in total food fish has been recorded between the years 1990 and 2018.

The aforementioned numbers dictate the importance of ensuring the safety and nutritional quality of seafood.

The concept of seafood quality can be considered as a synthesis of five pillars: 1) safety, namely the hygienic quality of food; 2) healthfulness, i.e., the nutritional quality; 3) satisfaction, a term mainly including the sensory characteristics of the food (appearance, aroma, taste, and texture); 4) serviceability (ease of use, ability to process, and price); and 5) freshness (prevailing in highly perishable foods such as most seafood, where 10-50% of all products have to be rejected due to post-slaughter spoilage).

This Special Issue aims to gather quality articles covering any aspect of seafood quality and also to address issues relating the seafood quality and food security to the sustainability of seafood production in the contemporary climate-changing environment.



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Special Issue



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Message from the Editor-in-Chief

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