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Advances in Upcycling Underutilized Seafood Products for Food Applications

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Deadline for manuscript submissions:

closed (30 November 2023)

Message from the Guest Editors

Dear Colleagues,

Our aquatic food systems are critically important for fostering food security around the globe. Currently, however, millions of metric tons of food loss are generated by the seafood industry each year, from harvest to processing. The development of new technologies and approaches to upcycle underutilized seafood resources into value-added food ingredients/products is essential for promoting the sustainable utilization of harvested aquatic food resources.

In the context of this Special Issue, "underutilized" refers to seafood processing side streams (e.g., heads, guts, skin, shell, stipes), bycatch, and aquatic species not commonly consumed (e.g., low-value seafood, invasive species) that hold tremendous potential for valorization. This Special Issue invites original research and review papers that address barriers or potential strategies for the transformation of these resource streams into safe, sustainable, functional, and consumer-acceptable food ingredients/products. Papers focusing on innovative preservation technologies or consumer acceptability of formulated upcycled products are particularly welcome.

Prof. Dr. Denise Skonberg Guest Editor













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Message from the Editor-in-Chief

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