

Special Issue

Impact of Killing and Processing Conditions on Edible Insect Quality for Food Applications

Message from the Guest Editor

Edible insects have gained global attention as a sustainable, nutritious, and environmentally friendly alternative to conventional animal protein sources. However, the post-harvest handling of these organisms—including slaughter methods, processing techniques, and storage conditions—plays a critical role in determining their final quality, safety, sensory properties, and nutritional value. This Special Issue aims to explore the influence of slaughter and processing parameters on the quality of edible insects for food applications.

Topics of interest include, but are not limited to, the physiological and biochemical responses of insects to slaughter, the impact of thermal and non-thermal processing on nutritional, technological, and microbiological profiles, the optimization of insect preservation methods, regulatory considerations, and consumer acceptance of processing techniques. We invite contributions that provide scientific insights, technological advances, and regulatory perspectives on how post-harvest processes affect the quality and safety of edible insects, supporting their integration into the human food chain. We look forward to your valuable contributions.

Guest Editor

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Editor-in-Chief

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