

Special Issue

Climate Change and Emerging Food Safety Challenges

Message from the Guest Editors

Over recent decades, climate change has emerged as a global concern, impacting various aspects of life, including agriculture, public health, and food safety. Altered climate patterns, extreme weather events, and rising global temperatures—including projections that 2024 may be the hottest year on record—pose significant risks to the food supply chain. These changes influence the occurrence and behavior of various biological and chemical contaminants, including pathogenic microorganisms, pesticides, and mycotoxins. Warmer temperatures and variations in humidity create favorable conditions for toxigenic fungi and pests, driving an increased reliance on pesticides and raising contamination risks. Additionally, climate change fosters the emergence of new or adapted pathogenic species, further challenging food safety and security. This Special Issue, *Climate Change and Emerging Food Safety Challenges*, will focus on the complex impacts of climate change on food safety, highlighting risks and proposing strategies to address these challenges. We encourage researchers to contribute original articles, reviews, and case studies to this crucial discussion.

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About the Journal

Message from the Editor-in-Chief

Foods (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

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