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Dynamic Modelling and Simulation of Food Systems

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Message from the Guest Editors

This Special Issue aims to gather research developing dynamic mathematical models describing relevant factors of food processes. We invite authors to submit original research papers or comprehensive review papers related with the mathematical modeling of food processes from the perspectives of food safety (chemical or microbiological), food quality (organoleptic or nutritional), cleaning and disinfection, energy consumption, and resources waste. The Special Issue is not limited to model development, and we also welcome papers that use mathematical models to improve food processes. This includes decision-making tools, optimization, characterization of uncertainty/variability of model predictions, model simulation techniques, software sensors, and software development.

Deadline for manuscript submissions:

closed (30 June 2022)



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Special Issue



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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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