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Dynamic Modelling and Simulation of Food Systems

Guest Editors:

Dr. Carlos Vilas

Process Engineering Group, IIM-CSIC (Spanish National Research Council), 36208 Vigo, Spain

Dr. Míriam R. García

Process Engineering Group, IIM-CSIC (Spanish National Research Council), 36208 Vigo, Spain

Dr. Jose A. Egea

Centro de Edafología y Biología Aplicada del Segura (CEBAS-CSIC), Campus Universitario de Espinardo, E-30100 Murcia, Spain

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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Editor-in-Chief

Prof. Dr. Arun K. Bhunia

1. Department of Food Science,
Purdue University, West
Lafayette, IN 47907, USA

2. Department of Comparative
Pathobiology, Purdue University,
West Lafayette, IN 47907, USA

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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Foods Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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