

Special Issue

A Promising Approach: Nanotechnology

Message from the Guest Editors

Nanotechnology is a field of science that enables atoms to arrange themselves into the required pattern to create materials that are more enduring, lighter, and less dangerous. The unique characteristics of nanomaterials are the greater surface-to-volume ratio and their quantum size effect. In this respect, nanoparticles, nanofiber, nanoemulsion, nanoencapsulation, nanoliposomes, nanowhiskers, and so on can be implemented into food systems. They should be integrated with gastronomical applications as coating materials and into different types of kitchen equipment, such as pan production, and sustainable kitchen applications using nanoscience can also be provided. Moreover, through nanotechnology, it is possible to identify harmful chemicals, monitor production processes, and delay the deterioration of food and agricultural products, thus reducing waste production. This Special Issue aims to bring to light the latest advances and impacts of nanotechnology as a promising approach in different scientific areas from food science to kitchen applications and how to enhance their effects.

Guest Editors

Dr. Zafer Ceylan

Dr. Raciye Meral

Prof. Dr. Y. Birol Saygi

Deadline for manuscript submissions

closed (31 October 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/143431

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)



About the Journal

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)