

Special Issue

Use of Artificial Intelligence to Fight Malnutrition and Food Insecurity

Message from the Guest Editor

This Special Issue aims to explore the transformative potential of artificial intelligence (AI) in reducing malnutrition and food insecurity. AI-driven solutions are already making significant impacts, such as using big data analytics for comprehensive food insecurity assessments, AI-powered nutritional interventions tailored to the needs of vulnerable populations, and AI-based early warning systems for predicting and mitigating food shortages. Additionally, AI is crucial in the policy planning and implementation of food security, in optimizing food assistance programs, and in enhancing food security in post-disaster scenarios. By improving the efficiency of food distribution networks and the nutritional quality of food aid, AI technologies are driving sustainable and equitable access to nutritious food. This Special Issue will showcase the latest advancements and foster collaborative efforts to combat malnutrition and food insecurity through interdisciplinary research and real-world practices.

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Deadline for manuscript submissions

20 December 2025



Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



mdpi.com/si/213592

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Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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