

Special Issue

Agricultural Health and Sustainability: Addressing Occupational, Mental, and Environmental Challenges

Message from the Guest Editor

Agricultural workers face physical and mental health risks, including chemical exposure, respiratory hazards, injuries, musculoskeletal strain, heat stress, anxiety, depression, and suicide risk, worsened by long hours, financial instability, social isolation, seasonal work, migrant labor, and limited healthcare.

Intensive agriculture harms the environment, causing soil degradation, water pollution, biodiversity loss, and greenhouse gas emissions. Climate change amplifies these effects and health risks via extreme weather, pest shifts, and production disruptions, creating a cycle where yield-focused practices damage workers and ecosystems.

Integrated strategies reducing chemical exposure, promoting sustainable land use, and supporting physical and mental health are essential for resilient food systems. Addressing agricultural health also requires tackling labor precarity, trade pressures, debt, combining worker protections, mental health support, and policies stabilizing livelihoods while protecting ecosystems.

This Special Issue welcomes articles that address these topics, especially those combining a high academic standard with practical, innovative approaches.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

Editor-in-Chief

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