



Climate Change and Food Systems

Guest Editors:

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Message from the Guest Editors

The increase of abiotic (e.g. drought, salinity, flooding, frost, high temperature) and biotic stresses (e.g. phytopathogen emergence or outbreaks) hampers plants' yields and soil functions, which threatens the supply of food and other soils' life-supporting services for human populations. Therefore, farmers and researchers are willing to adopt/develop sustainable strategies to cope with climate change and ensure crops productivity, quality and soil health. Such strategies include the use of underexploited plant species or improved breeds, the application of biostimulants/bioinoculants, and the use of agronomic practices that fosters biodiversity in agroecosystems. This will further contribute to mitigate the overuse of chemical fertilizers and pesticides, which increase environmental degradation and affects food security and water resources. This special issue intends to compile state-of-the-art research on sustainable approaches to enhance crops' performance with impacts on food quality, soils functions and human health under climate change.





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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for 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, open access journal.

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