

Topical Collection

Impact of Climate Change on Fungal Population and Mycotoxins

Message from the Collection Editors

In a world with an ever-growing population, climate change threatens the food supply from several fronts. The climate is crucial in driving the structures of the fungal community and the mycotoxin contamination levels pre- and post-harvest. Long-term shifts in the temperature and the increased frequency of extreme weather events can impact plant–fungi (symbiotic or parasitic) interactions, with the possibility of higher levels and/or uncommon patterns of co-occurring mycotoxins. It is essential to explore the effects of geo-climatic patterns (such as geographic location, temperature, humidity, and rainfall, among others) on the occurrence of mycotoxins and other secondary fungal metabolites in feeds and foods along supply chains. This Special Issue intends to support the divulgation of studies exploring the role of climate change and its related parameters in fungi growth, proliferation, and toxicogenesis in crops, as well as the feeds and foods produced thereof. We invite our colleagues exploring this field to share their valuable investigations on toxins and contribute new data on this scarcely explored, but highly relevant, area.

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Toxinology is an incredibly diverse area of study, ranging from field surveys of environmental toxins to the study of toxin action at the molecular level. The editorial board and staff of *Toxins* are dedicated to providing a timely, peer-reviewed outlet for exciting, innovative primary research articles and concise, informative reviews from investigators in the myriad of disciplines contributing to our knowledge on toxins. We are committed to meeting the needs of the toxin research community by offering useful and timely reviews of all manuscripts submitted. Please consider *Toxins* when submitting your work for publication.

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