



How to Manage Migratory Pests and Potential Food Crises: Locusts Plagues in the 2020's

Guest Editors:

Dr. Michel Lecoq

French Agricultural Research
Centre for International
Development, CIRAD, F-34398
Montpellier, France

Dr. Arianne Cease

School of Sustainability, Arizona
State University, Tempe, AZ, USA

Deadline for manuscript
submissions:

closed (31 August 2021)

Message from the Guest Editors

This special issue aims to shed light on the overarching questions: What have we learned from historical outbreaks, what research is ongoing and what is needed, how serious is the current threat, and how should the world respond to plagues today? Articles in this special issue may address locust issues concerning any of the following: biotic and abiotic factors that affect population and/or behavioral dynamics including the potential role of climate change, surveys and monitoring, forecasting, management technologies, governance including the capacity of affected countries to respond, the impact of outbreaks, or related research. Specific questions authors may wish to consider include: What are the primary drivers of the current outbreaks and is climate change involved? Are recommended preventative strategies effective and what are the constraints to their application? Is there a possibility to use biological alternatives to chemical pesticides? What additional research is needed to better manage these insects? Papers addressing similar topics for other transboundary migratory pests are also welcome.

Dr. Michel Lecoq
Dr. Arianne Cease
Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Leslie A. Weston

Graham Centre for Agricultural
Innovation, Charles Sturt
University, Wagga Wagga, NSW
2678, Australia

Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet. *Agronomy* is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

Author Benefits

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

High Visibility: indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, and other databases.

Journal Rank: JCR - Q1 (*Agronomy*) / CiteScore - Q1 (*Agronomy and Crop Science*)

Contact Us

Agronomy Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/agronomy
agronomy@mdpi.com
[X@Agronomy_Mdpi](https://twitter.com/Agronomy_Mdpi)