



Advances in Coffee Pathogen Research for Higher Productivity Under Climate Change Scenarios

Guest Editors:

Dr. Leonor Guerra-Guimarães

Instituto Superior de Agronomia,
Universidade de Lisboa, Lisbon,
Portugal

Dr. Helena Gil Azinheira

Instituto Superior de Agronomia,
Universidade de Lisboa, Lisbon,
Portugal

**Dr. Deila Magna Dos Santos
Botelho**

Instituto de Ciência e Tecnologia
do Café/INCT-UFLA Research,
Lavras 37203-202, Brazil

Deadline for manuscript
submissions:

closed (31 March 2025)

Message from the Guest Editors

Dear Colleagues,

Coffee is one of the most consumed beverages in the world and an important globally traded commodity. However, with climate change, coffee production is facing significant challenges due to the emergence of diseases that affect its productivity.

This article collection welcomes manuscripts that enhance our understanding of how coffee–pathogen interactions (e.g., bacteria, virus, fungi, nematodes) can bolster resilience in the face of climate change scenarios.

We encourage the submission of original research articles, mini reviews, perspectives and opinion articles on the following topics, but not limited to:

- Disease resistance breeding;
- Pathogen genomics;
- Climate-resilient cultivars;
- Integrated pest management;
- Biocontrol agents;
- Remote sensing and predictive modeling;
- Agroforestry and shade management.

These advancements collectively aim to mitigate the impact of coffee pathogens, ensuring higher productivity despite climate change challenges.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture,
Water and Environment
Research, 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), GEOBASE, PubAg, AGRIS, and other databases.

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

Contact Us

Agronomy Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/agronomy
agronomy@mdpi.com
X@Agronomy_Mdpi