



## Sustainable Production and Breeding Research for Tropical Plantation Crops

Guest Editor:

**Prof. Alain Rival**

Resident Regional Director for  
Southeast Asia, French  
Agricultural Research Centre for  
International Development  
(CIRAD), Graha Kapital 1. Jln  
Kemang Raya #4, Jakarta 12730,  
Indonesia

Deadline for manuscript  
submissions:  
**closed (31 May 2020)**

### Message from the Guest Editor

Dear Colleagues,

The rapid expansion of tropical plantation crops (e.g., oil palm, rubber, sugarcane, timber, cocoa, coffee, etc.) has led to the emergence of agricultural commodities of strategic global importance, which have profoundly transformed landscapes and livelihoods in the tropical world. Plantation management now needs to meet the dual challenge of conserving biodiversity and engaging in sustainable agricultural development through the adoption of agroecological practices. Research in social sciences has also questioned the inclusion of major stakeholders, such as smallholding farmers. The certification of sustainable practices and the modes of governance that are capable—at the local and national levels—of guaranteeing a credible sustainability of agricultural practices are also key research topics.

With genomic resources becoming increasingly available for most of the plantation crops, the exploration of the genetic basis of complex traits, such as yield, tolerance to diseases, or resilience to climate change, is now under way. Consequently, the availability, treatment, and sharing of large amounts of data are currently reshaping breeding strategies.





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), PubAg, AGRIS, and other databases.

**Journal Rank:** JCR - Q1 (Plant Sciences) / 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