# **Special Issue**

# Study of Primary Metabolism of Plants

### Message from the Guest Editor

The harvest index is related to changes in photosynthesis, which is affected not only by environmental conditions, but also by breeding, although so far the breeding activity has not completely improved the stand's photosynthetic efficiency. In this respect, there is room for improving the performance of photosynthesis in relation to, for example, increasing CO2 concentrations. Another way to increase HI is to influence the transport of assimilates and the plant's ability to utilize them. This Special Issue will focus on the "Study of Primary Metabolism of Plants". We welcome new research, reviews, and opinions on all related topics, including biochemistry, plant anatomy, breeding, genetics and crop improvement, phenotyping, changes in primary plant metabolism due to stressors, modeling. yield generation, assimilation, metabolism, and proteomics.

### **Guest Editor**

Dr. František Hnilička

Department of Botany and Plant Physiology, Czech University of Life Sciences Prague, Kamýcka 129, 165 00 Prague, Czech Republic

#### Deadline for manuscript submissions

closed (20 September 2022)



# Agronomy

an Open Access Journal by MDPI

Impact Factor 3.4 CiteScore 6.7



mdpi.com/si/69768

Agronomy
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agronomy@mdpi.com

mdpi.com/journal/agronomy





an Open Access Journal by MDPI

Impact Factor 3.4 CiteScore 6.7



# **About the Journal**

# 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.

#### Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research, Charles Sturt University, Wagga Wagga, NSW 2678, Australia

### **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)

