# Special Issue

# Dynamics of Root-Soil-Microbial Interactions

## Message from the Guest Editor

Root health has become a new focus in plant science, with a particular interest in rhizosphere interactions. The rhizosphere is the home and interface of various types of microbial species and populations, both symbiotic and pathogenic, and the dynamic root–soil interface influences root function and eventually plant growth and production. The main focus of this Special Issue would be on the advances in our understanding on the enhanced root function through the interaction of rhizosphere microbes, such as mycorrhizal fungi, nitrogen-fixing rhizobia and Frankia, and plant growth promoting bacteria (PGPB), but pathogenic interactions are also important. The aim of this Special Issue is to provide an insight into the dynamics of root–soil–microbial interactions in major agricultural crops.

#### **Guest Editor**

Prof. Dr. Yinglong Chen

School of Agriculture and Environment, The University of Western Australia. Perth. WA 6009. Australia

### Deadline for manuscript submissions

closed (28 February 2017)



# Agriculture

an Open Access Journal by MDPI

Impact Factor 3.6 CiteScore 6.3



mdpi.com/si/6172

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

mdpi.com/journal/agriculture





# **Agriculture**

an Open Access Journal by MDPI

Impact Factor 3.6 CiteScore 6.3



# **About the Journal**

# Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

#### Editor-in-Chief

### Prof. Dr. Les Copeland

Sydney Institute of Agriculture, School of Life and Environmental Sciences, The University of Sydney, Sydney, NSW 2006, 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, RePEc, and other databases.

### **Journal Rank:**

JCR - Q1 (Agronomy) / CiteScore - Q1 (Plant Science)

