



Dynamics of Root–Soil–Microbial Interactions

Guest Editor:

Dr. Yinglong Chen

The UWA Institute of
Agriculture/School of Agriculture
and Environment, The University
of Western Australia, Perth WA
6009, Australia

yinglong.chen@uwa.edu.au

Deadline for manuscript
submissions:

closed (28 February 2017)

Message from the Guest Editor

Dear Colleagues,

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.

Dr. Yinglong Chen
Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Les Copeland

Sydney Institute of Agriculture,
School of Life and Environmental
Sciences, The University of
Sydney, NSW 2006, Australia

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

Author Benefits

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

High Visibility: Indexed in the Science Citation Index Expanded (SCIE) - Web of Science, Scopus and other databases.

Rapid Publication: manuscripts are peer-reviewed and a first decision provided to authors approximately 18.2 days after submission; acceptance to publication is undertaken in 3.4 days (median values for papers published in this journal in the first half of 2020).

Contact Us

Agriculture
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

mdpi.com/journal/agriculture
agriculture@mdpi.com