



Climate Change in Agriculture: Impacts and Adaptations

Guest Editors:

**Assoc. Prof. Dr. Davide
Cammarano**

Department of Agronomy,
Purdue University, West
Lafayette, IN, USA

dcammar@purdue.edu

Prof. Roberto Ferrise

Department of AGRiculture, food,
environment and forestry -
University of Florence (DAGRI)
Piazzale delle Cascine, 18 50144
Firenze, Italy

roberto.ferrise@unifi.it

Deadline for manuscript
submissions:

closed (31 May 2018)

Message from the Guest Editors

Dear Colleagues,

Agriculture is handed a difficult challenge over the next 20 years. Due to the rapid increase in the world's population, and the current trend suggests that there will be an increased global food demand. Therefore, there is a need to produce more food on the same, or less, cultivated areas. In addition, crop production needs to be achieved in a sustainable way, without polluting the environment, and without reducing farmer incomes. However, projected climate change will increase the vulnerability of agricultural production, with projected impacts being positive or negative depending on the geographical location. The impacts and adaptations have been studied using several methodologies, such as process-based models, agro-ecosystem models, and statistical models based on historical data. This Special Issue welcomes articles, from any agricultural area of the world, and for any cropping system, dealing with impacts and adaptations of climate change. We welcome novel approaches involving different methodologies and assessments.

Dr. Davide Cammarano

Dr. Roberto Ferrise

Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Peter Langridge

School of Agriculture, Food and
Wine, University of Adelaide,
Urrbrae SA 5064, 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 in the Science Citation Index Expanded (SCIE) - Web of Science from Vol. 5 (2015). Covered in **Scopus** (2019 CiteScore: 1.8) and other databases.

Rapid Publication: manuscripts are peer-reviewed and a first decision provided to authors approximately 16.1 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2020).

Contact Us

Agronomy
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/agronomy
agronomy@mdpi.com