



Crop Management: How to Affect the Greenhouse Gases and the Regulation of Plant Metabolism

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Message from the Guest Editors

Modern agricultural systems and soil properties affect greenhouse gases (GHG) emissions of cropping systems. A careful management of irrigation would mitigate GHGs emissions, allowing an adequate crop productivity and making the cropping systems less impacting on climate and environment. Better use of fertilizers could represent a further strategy to mitigate GHGs emissions from arable soils. The increase of greenhouse gases in the atmosphere can create high irradiance, extreme temperatures, and water scarcity, as well as other abiotic stresses such as salinity, air and soil pollution, or mineral deficit. This Special Issue will accept reviews as well as full or short research papers from a broad scope of interdisciplinary research concerning agroecosystems and management practices, on responses to reducing the emission of greenhouse gases and on plant and crop responses to abiotic and biotic stress.

Deadline for manuscript
submissions:

31 October 2021

- Crop and soil management
- Greenhouse gases
- Sustainable intensification of productions
- The impact of global change on plant communities
- The regulation of plant metabolism in response to high irradiance, cold, and drought Environmental pollution on plant growth





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