

## Special Issue

# Advanced Technology for the Development of Agricultural Sprays

### Message from the Guest Editors

The agricultural sector is one of the biggest contributors to these negative aspects considering its impact on the release of CO<sub>2</sub> into the atmosphere, and on the amount of water, chemical fertilizers and Plant Protection Products (PPPs) used. In particular, spraying PPPs is recognized as one of the most significant agricultural activities which adversely impacts human health and the environment. Therefore, it is necessary to incorporate advanced technologies in the field of agricultural sprays, as well as increase the knowledge of the users, in order to adequately recognize pests and diseases, perform localized treatments, reduce drift and ground losses, and limit the workers' exposure. This Special Issue aims to collect the most recent studies, including original research, opinions, and reviews, on the technical solutions and methods adopted for the application of PPPs. To this end, this Special Issue invites submissions of interdisciplinary quality studies from a wide array of research fields including agriculture, engineering design, calculation and modeling, landscaping, environmentalism, as well as ergonomics and occupational risk prevention.

### Guest Editors

Dr. Giuseppe Ezio Manetto

Dr. Emanuele Cerruto

Dr. Juan Ramírez-Cuesta

### Deadline for manuscript submissions

closed (20 December 2024)



## Agriculture

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## About the Journal

### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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### Editor-in-Chief

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