



Advances in Aerial Application Equipment and Technology for Agricultural Production

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Message from the Guest Editors

Owing to the development of sensors and intelligent control technology, unmanned and manpower-saving aerial application equipment and technology are being iteratively upgraded to promote efficient and intelligent agricultural production. Nowadays, the application domain of aerial application technology is subdivided, and it is expanding to many new application scenarios (e.g., fertilization, seeding, pollination, detasseling, and feed delivery), exhibiting great potential in agricultural production.

This Special Issue focuses on in-depth research addressing novel aerial application technologies and equipment for agricultural production, including remote sensing, aircraft path planning and navigation, experimental and numerical models for the movement of agricultural materials, collaboration between UAVs and UGVs, accurate application control methods and the evaluation of the application quality. Research articles will cover a broad range of aerial applications for agricultural production, including chemical spraying, fertilization, seeding, pollination, and detasseling, etc. All types of articles, such as original research, opinions, and reviews, are welcome.





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Message from the Editor-in-Chief

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