

## Special Issue

# Advances in the Use of UAVs for Monitoring and Analysis of Forage and Agricultural Crops: Technologies, Methods and Applications

### Message from the Guest Editors

In this Special Issue, we seek to advance the state of the art in UAV applications in precision agriculture, particularly for forage and crop cultivation, by enhancing data acquisition and crop analysis. We encourage original research articles that present new methods or applications of UAVs in precision agriculture and systematic reviews that consolidate current knowledge on the use of UAVs in forage and crop cultivation. We look forward to receiving your original research articles and reviews. Suggested topics:

- Extraction of information from images captured by UAVs, including vegetation indices, texture analysis, and 3D modeling.
- Machine learning applications for predicting, classifying, and identifying plant species, pests, and diseases in forage or agricultural crops.
- Estimating productivity, biophysical, biochemical, and physiological parameters, comparing UAV-derived data with traditional field measurements.
- Development of methodologies for data fusion between UAV images and satellite or ground-based products.
- Other applications involving UAVs in forage and/or crops.

### Guest Editors

Dr. Alexandre Maniçoba da Rosa Ferraz Jardim

Department of Biodiversity, Institute of Biosciences, São Paulo State University—UNESP, Rio Claro 13506-900, SP, Brazil

Dr. Luciana Sandra Bastos De Souza

Academic Unit of Serra Talhada, Rural Federal University of Pernambuco, Serra Talhada 56909-535, Pernambuco, Brazil

### Deadline for manuscript submissions

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## Drones

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*Drones*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[drones@mdpi.com](mailto:drones@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

*Drones* is an international open access journal focusing on advancing research in drone science, policy, technology, and applications. Today, drones have become indispensable for policymakers, regulatory authorities, mapping agencies, start-ups, and established firms. Their expanding societal and economic relevance is reflected in the rapid development of new sensors, upgraded platforms, specialized software, and novel applications. The journal provides a central forum for scholars in drone research and applications to exchange findings and innovations. With growing demand for high-quality research, our Editorial Board comprises international leaders and experts across relevant scientific areas. We offer rigorous peer review and rapid publication of papers from across all areas of drone science. We welcome you to submit your next paper to *Drones* and to contribute to the continued advancement of and innovations in the field of drones.

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### Editor-in-Chief

Prof. Dr. Diego González-Aguilera

Cartographic and Land Engineering Department, Higher Polytechnic School of Avila, University of Salamanca, Hornos Caleros, 50 05003 Avila, Spain

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