

## Special Issue

# Electric-Powered and Hybrid-Powered Unmanned Aerial Vehicle Technology and Applications of Low Altitude Aviation

### Message from the Guest Editors

We encourage submissions which provide the community with the most recent advancements in all aspects of Electric-Powered UAV, including but not limited to:

- Modeling and simulation of new aircraft configurations;
- Aerodynamic and flight dynamic analysis of new aircraft;
- Development and application of Electric-Powered UAV;
- Distributed electric power design and analysis for UAV;
- Design and dynamic analysis of eVOTL;
- Design and performance analysis of multi-rotor UAV
- Design and dynamic analysis of low altitude solar-powered UAV;
- Design and performance analysis of micro and small logistics UAV
- Artificial intelligence technology of electric-powered UAV system;
- Urban air mobility and delivery by electric-powered aircraft;
- Green Aviation Technology;
- Low altitude aviation and economy analysis

### Guest Editors

Dr. Wenbiao Gan

Dr. Zhou Zhou

Dr. Saddam Aziz

Dr. Ilias Panagiotopoulos

### Deadline for manuscript submissions

30 September 2025



## 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 the only international open-access journal about the science, policy and technology of drones and its applications. Nowadays, the proliferation of drones is a reality for local policy makers, regulatory bodies, mapping authorities, startups and consolidated companies. There are many uses and benefits of drones: from the emergence of new sensors and the evolution of new platforms; to the development of specific software and the emergence of new applications. *Drones* publishes reviews, regular research papers, communications and short notes, without restriction on the length of papers. *Drones* seeks to provide a central forum for scholars engaged in drones' research and applications.

There is a need for high quality papers in this area and the *Drones* Editorial Board are widely recognized international leaders. *Drones* journal guarantees a serious peer review and a rapid publication across the whole discipline 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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