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Drones

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Message from the Editor-in-Chief

Drones is an 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, start-ups 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. There is no restriction on the maximum length of the 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.

Don't hesitate to consider *Drones* for your next paper.

Aims

Drones is an international, peer-reviewed, open access journal published monthly online by MDPI. The journal focuses on the design and applications of drones, including unmanned aerial vehicles (UAVs), Unmanned Aircraft Systems (UASs), and Remotely Piloted Aircraft Systems (RPASs), etc. Likewise, contributions based on unmanned marine/water/underwater drones, unmanned ground vehicles, fully autonomous driving, and space drones are also welcome.

Scope

Design

- Onboard sensor design
- Airframe and structural design
- Power supply
- Geometric and radiometric sensors
- Sensor fusion
- Calibration of imageries
- Controlling system
- Signal/image processing
- Nano drones or nanotechnology

Applications

- Environments
- Agriculture
- Forestry
- Geosciences
- Urban area
- Logistics
- Disaster assistance
- Security and surveillance
- Architecture
- Monitoring, change detection
- Health
- Marine science
- Education

Development

- Performance
- Control system
- Mission planning
- Security systems
- Autonomy
- Navigation and position/orientation
- Autonomous take-off and landing
- Artificial intelligent
- Machine learning
- Simultaneous
- Localization and mapping
- Controlled and non-controlled airspace
- Meteorology etc.

Author Benefits

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Rapid Publication

A first decision is provided to authors approximately 21.7 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2024)

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