drones

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Editor-in-Chief

Dr. Diego Gonzalez-Aguilera

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, 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, 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.

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

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- **Open Access** Unlimited and free access for readers
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Aims and Scope

Drones is an international open access, peer reviewed journal. The journal focuses on design and applications of drones, including unmanned aerial vehicle (UAV), Unmanned Aircraft Systems (UAS), and Remotely Piloted Aircraft Systems (RPAS), etc. Likewise, contributions based on unmanned water/underwater drones and unmanned ground vehicles are also welcomed.

The scope of *Drones* includes:

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.

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