Unmanned Aerial Systems for Geosciences

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closed (31 December 2020)

Message from the Guest Editors

Nowadays, the developed remotely piloted vehicles can be installed on drones. This makes the acquired proximity data have fundamental importance with regard to Geosciences. At the same time, techniques of data acquisition and of their processing with the aim of obtaining analyzable products are increasingly being refined and standardized. This Special Issue is proposed for all disciplines concerning Geosciences with the aim of contributing to increasing the level of knowledge with arguments of high scientific and technical content in the context of use of remotely piloted vehicles and of data acquired with specific sensors for:

- Use of specific types of drones with particular performance for data acquisition;
- Use and performance of specific sensors transportable by drones;
- Integration between multiple sensors installed on board the drones;
- Acquisition of proximity data from specific sensors, for all the disciplines concerning Geosciences;
- Data processing methods acquired by sensors installed on drones;
- Data analysis;
- Multitemporal monitoring and control through the acquisition and use of proximity data.

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Special Issue

Editor-in-Chief

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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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