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Atmospheric Measurements Using Unmanned Systems

Guest Editors:

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Deadline for manuscript submissions:
closed (12 February 2022)

Message from the Guest Editors

Dear Colleagues,

The opportunities that unmanned systems provide to collect real-time observations of the atmosphere are growing. Both small and large unmanned systems have been developed to support atmospheric scientific research as well as operational monitoring for decision support systems. Large-scale systems can provide critical timely observations of the atmosphere during significant events such as hurricanes and severe storms, while small innovative unmanned aircraft systems (UAS) can be adapted to include high-precision sensors to collect high-frequency measurements of the atmosphere, which was not possible with previous sensor systems.

This Special Issue is addressed to the two communities of *Atmosphere* and *Drones*. We are interested in papers that focus on all aspects of the application of unmanned systems for atmospheric measurements. These include, but are not limited to, experimental campaigns highlighting the testing and evaluation of new sensors.

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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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