# Special Issue

# Measurement of Atmospheric Composition by Unmanned Aerial Systems

### Message from the Guest Editor

The advent of unmanned aerial systems (UASs) opens up exciting new sampling and measurement strategies to facilitate many fields of atmospheric science, especially (but not limited to) those concerned with emissions quantification, air quality, and micrometeorology. UAS platforms and next-generation precision sensors tailored to them have much to offer, and their use is increasing rapidly across the atmospheric science community. This Special Issue invites studies that make use of UASs and/or describe relevant instrumentation or methods, as applied to atmospheric science across the spectrum of potential applications. This Special Issue is timely, as there is much to be gained from rapid knowledge exchange in this emergent measurement field. We are also interested in studies that may make use of UAS data in wider measurement and modelling strategies.

### Guest Editor

Dr. Grant Allen
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### Deadline for manuscript submissions

closed (15 September 2019)

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# About the Journal

## Message from the Editor-in-Chief

Continued developments in instrumentation and modeling have driven atmospheric science to become increasingly more complex with a deeper understanding of concepts, mechanisms, and interactions. This is the field that innovation built and it has led to a better appreciation for the complexity with atmosphere. Human life is intertwined in this complexity as we strive to better understand our atmosphere. Climate change is constantly stretching the limits of our thinking and forcing new ideas and concepts to be played out. Welcome to the Anthropocene!

## Editor-in-Chief

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