Remote Sensing from Unmanned Aerial Vehicles (UAVs)

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Message from the Guest Editors

Dear Colleagues,

This Special Issue will publish papers that cross the boundary between the Unmanned Aerial Vehicle (UAV) platform and the sensors needed to carry out remote sensing from these platforms. There is considerable activity in the development of a wide variety of UAVs, both in terms of copter platforms and fixed wing UAVs, but there is little emphasis on the activity needed to extend the use of these platforms from strictly a photography system. We seek papers that describe the development and deployment of new sensors on UAV platforms that go beyond just a new photographic perspective. We will publish papers about photography but the application must have a unique aspect to it that makes the UAV the ideal platform for this particular application. We also seek papers where modifications of the UAV platform are required to accommodate the remote sensing instrument. In this way, we hope to solicit and publish papers representing work in the area of remote sensing that is enabled by the UAV platform.

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