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## Advances and Innovative Applications of Unmanned Aerial Vehicles

Guest Editor:

### Dr. Ming-Der Yang

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Deadline for manuscript  
submissions:

**closed (30 June 2021)**

### Message from the Guest Editor

#### Theme and Scope

Aiming to promote an international exchange of scientific knowledge and experience in the field of UAV applications, we propose a Special Issue “**Advances and Innovative Applications of Unmanned Aerial Vehicles**”. This Special Issue will bring together academic and industrial papers in the field of UAVs to share the techniques and applications of consumer drones. We expect to publish 15+ valuable papers related to precious research outcomes. This Special Issue will provide a valuable opportunity to exchange ideas and expertise as well as network with research groups worldwide. Prospected authors are invited to submit their original contributions, surveys, and case studies that address novel research on and valuable applications of UAVs.

**The main topics** include but are not limited to:

- 3D scene reconstruction of UAVs;
- Autonomous UAVs;
- Artificial intelligence in UAVs;
- Big data and machine learning for UAVs;
- High-resolution UAV image processing and applications;
- Spectrum sensing techniques for UAV detection;
- Simultaneous localization and mapping for UAVs;
- Tracking, localization, navigation, and dynamic path planning of UAVs.



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# Special Issue



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## Message from the Editor-in-Chief

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