Drones in the Built Environment: Applications in Construction, Architecture, Transportation, Urban and Regional Planning

Guest Editor:

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Deadline for manuscript submissions:
closed (30 April 2022)

Message from the Guest Editor

Drones are revolutionizing the operational methods of the traditional built environment. This Special Issue invites and aims to attract contributions from drone and UAV enthusiasts, architects, city and urban planners and others. Topics may include, but are not limited to, any of the following:

- Drones in construction.
- Drones in architecture.
- Drones in transportation.
- Drones in urban and regional planning.
- Drones for structural health monitoring.
- Drones for building inspection.
- Drones for infrastructure inspection.
- Drones for bridge inspection.
- Drones for safety and well-being monitoring in the built environment.
- Drone-based video monitoring of constructed facilities.
- Drones for machinery and equipment management.
- Drones in smart cities.
- Scan to BIM.
- Drones for digital twins.
- Drones for virtual, augmented, and extended realities.
- AI-powered drones in the built environment.

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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