# Special Issue

# UAVs for Photogrammetry, 3D Modeling, Obtrusive Light and Sky Glow Measurements

## Message from the Guest Editors

The Special Issue focuses on new trends in photogrammetry and remote sensing with UAVs. In recent years, there have been a lot of new developments strictly concerning UAVs, but also measurements from these devices in general. New sensors, procedures, and algorithms are being developed which improve the quality of photogrammetric studies, photos, and 3D models. Many new algorithms use neural networks, while continuous miniaturization allows achieving an increasingly better accuracy of measurements using small sensors mounted on UAVs. New measurement procedures are also being developed, and the number of UAV applications is constantly increasing especially in environmental and civil engineering. This Special Issue will gather all types of solutions—technical, procedural, and algorithmic—aiming to improve the quality of photogrammetric studies, 3D models, and remote sensing with UAVs. In addition, we invite papers on new trends in artificial light measurements and photogrammetry at night. Night measurements with UAVs, especially those toward light pollution measurements, are becoming important from an environmental point of view.

## Guest Editors

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## Deadline for manuscript submissions

closed (20 April 2025)

# Drones

## About the Journal

### 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.

### Editor-in-Chief

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