# Special Issue

# Advances of UAVs Assisted Mobile Robot Navigation System

## Message from the Guest Editors

Research on collaboration efforts between unmanned aerial vehicles (UAVs) and various robots, especially mobile robots, is being actively conducted. System convergence can be maximized while compensating for the shortcomings of different systems. In many scenarios, UAVs may viably collaborate with traditional mobile robot navigation, and together, they have expanded the applications of aerial data. This Special Issue aims to contribute to enhancing the knowledge of UAV-assisted mobile robot navigation systems. Original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Autonomous collaborative navigation;
- Data fusion (integration of UAV data with other sources, e.g., UGV and USV);
- Cloud-based multiple/heterogeneous robot system;
- Digital-twin-based multirobot system;
- Applications in real fields (agriculture, forestry, subterranean, etc.).

## Guest Editors

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## Deadline for manuscript submissions

closed (31 March 2023)

**Drones**

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**Impact Factor 4.8**
**CiteScore 7.4**

mdpi.com/si/134238

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# 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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