

## Special Issue

# Unmanned Traffic Management Systems

### Message from the Guest Editors

Unmanned Traffic Management (UTM) describes a new traffic management ecosystem that will safely coordinate low-altitude drone operations. The main challenge is to create the technologies, procedures, and services for a resilient, scalable and sustainable UTM that can integrate with the current aviation ecosystem. This Special Issue aims at collecting new developments, methodologies, best practices and innovations in Unmanned Traffic Management (UTM). We welcome submissions that provide the most recent advancements on all aspects of UTM, including, but not limited to: Suggested themes and article types for submissions:

- Airspace Management (inc. design, modelling and optimisation);
- Automated Services (inc. authorisation, flight planning, coordination and flow management, conformance);
- Drone Navigation, Surveillance and Communication (inc. performance-based approaches);
- Strategic and Tactical Mitigation Services;
- Data and Information Management (inc. storage, exchange/sharing and visualisation);
- Risk, Safety and Regulation.

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### Guest Editors

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### Deadline for manuscript submissions

closed (25 March 2025)



## Drones

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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.

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### Editor-in-Chief

Prof. Dr. Diego González-Aguilera

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