Special Issue

UAV Piloting, Training, Cooperation, and Interaction

Message from the Guest Editors

The aim of this Special Issue is to aggregate original research, or review papers that provide insights about how to improve human machine systems involving one or more of the above unmanned platforms. Manuscripts may be focussed on design, applications, or operations, broadly, but should centrally contribute to knowledge regarding human performance or human-machine system behaviour. This Special Issue especially welcomes manuscripts that links, but is not limited to the following themes and related topics:

- Human-Robot Interaction and Performance
- UAV Pilot Training
- Human-Drone cooperation
- Review Articles UAV piloting behavior.
- Biometric studies of UAV piloting
- Other Human-machine studies of unmanned aerial systems

Guest Editors

Prof. Dr. David Nembhard

Department of Engineering, Harvey Mudd College, Claremont, CA 91711, USA

Dr. Runwen Qin

Department of Civil Engineering, Stony Brook University, New York, NY 11794, USA

Deadline for manuscript submissions

16 December 2025



Drones

an Open Access Journal by MDPI

Impact Factor 4.8 CiteScore 7.4



mdpi.com/si/223843

Drones
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
drones@mdpi.com

mdpi.com/journal/drones





Drones

an Open Access Journal by MDPI

Impact Factor 4.8 CiteScore 7.4





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

Prof. Dr. Diego González-Aguilera

Cartographic and Land Engineering Department, Higher Polytechnic School of Avila, University of Salamanca, Hornos Caleros, 50 05003 Avila, Spain

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q1 (Remote Sensing) / CiteScore - Q1 (Aerospace Engineering)