



## Advances in AI for Intelligent Autonomous Systems

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Deadline for manuscript submissions:

**closed (20 May 2024)**

### Message from the Guest Editors

Dear Colleagues,

As unmanned aerial vehicles become an increasingly mainstream technology and their utilisation more ubiquitous, the opportunities afforded by their becoming more autonomous and “intelligent” multiply. There is a wide variety of applications in which an ability for drones to operate semi-independently from a human pilot could bring substantial advantages.

For this Special Issue, we invite original contributions presenting advances in Artificial Intelligence (machine learning, visual pattern recognition, swarm intelligence, etc.) that significantly increase the autonomy of unmanned systems, whether operating individually or as a team. Rigorous theoretical or simulation-based studies, prototype implementation reports, and experimental results are equally welcome, as are comprehensive literature surveys and reviews. Innovative research on the interaction between humans and “intelligent” drones (interface design, concepts of operation, etc.) or the control of autonomous platforms is also of interest.

Prof. Dr. Seth Bullock  
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*Guest Editors*





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## Message from the Editor-in-Chief

*Drones* is an international open access journal focusing on advancing research in drone science, policy, technology, and applications. Today, drones have become indispensable for policymakers, regulatory authorities, mapping agencies, start-ups, and established firms. Their expanding societal and economic relevance is reflected in the rapid development of new sensors, upgraded platforms, specialized software, and novel applications. The journal provides a central forum for scholars in drone research and applications to exchange findings and innovations. With growing demand for high-quality research, our Editorial Board comprises international leaders and experts across relevant scientific areas. We offer rigorous peer review and rapid publication of papers from across all areas of drone science. We welcome you to submit your next paper to *Drones* and to contribute to the continued advancement of and innovations in the field of drones.

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