

## Special Issue

# AI Based Signal Processing for Drones

### Message from the Guest Editor

This Special Issue calls for recent studies on various AI-based signal processing methods for drones. In this Special Issue, we will compile state-of-the-art research that addresses various aspects of AI-based signal processing for drones. Potential topics include, but are not limited to, the following areas: new AI concepts, ideas, and technologies of signal processing for drones; evaluation of current advanced signal processing methods for drones; autonomous maneuvers, supported by AI; signal processing to reduce drone's noise emissions; AI-based signal processing for drone tracking, challenges, and applications; AI-based signal processing for drone signature detection or suppression; semantic world mapping; multiple drone and multiple target localization; drone visual analysis for target/obstacle/crowd/point of interest detection; 2D/3D target tracking.

### Guest Editor

Dr. Gwanggil Jeon

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### Deadline for manuscript submissions

closed (14 July 2023)



## Drones

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Diego González-Aguilera

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