

## Special Issue

# Digital Twins and Extended Reality: Opportunities and Challenges of Integrated Applications (2nd Edition)

### Message from the Guest Editors

We are pleased to announce this Special Issue of *Drones* on “Digital Twins and Extended Reality: Opportunities and Challenges of Integrated Applications (2nd Edition)”. The architecture, engineering and construction (AEC) industry and the digital heritage domain are both benefiting from the augmented reality (AR) and virtual reality (VR) revolutions. Architectural representation, along with advanced tools and techniques of digital visualization, enables users to increase the informative value of digital models. The use of drones (indoor and outdoor) can provide additional support in documentation activities and data interpretation. Further, drones can provide solid support to developing a DT of the recorded objects or sites. Consequently, we invite the submission of articles dealing with innovative approaches and new perspectives, as well as practical applications, addressed to a broad range of professionals working in the fields of documentation, surveying, representation, digitisation, visualisation, interpretation and simulation of complex scenarios.

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### Guest Editors

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### Deadline for manuscript submissions

26 June 2026



## 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

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