



The Applications of Drones in Logistics

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Message from the Guest Editor

The Fourth Industrial Revolution led to significant changes in logistics. Industry 4.0 technologies make it possible to transform conventional supply chain solutions into cyber-physical systems. The application of drones can be characterized into two different fields of logistics. The first field is the in-plant material supply, which includes both warehouse operations and the material supply of production and assembly cells. The second field is the application of cargo drones in the cases of both light and heavy payloads.

We invite researchers in the global logistics and supply chain management community to contribute original research papers, as well as review articles and empirical studies, which will stimulate debate in the topic.

Potential topics include, but are not limited to, the following:

- Design and optimization of drone-based in-plant supply solutions;
- Application of drones in warehouse logistics;
- Big data in drone-based logistics;
- Energy efficiency and sustainability of drone-based logistics solutions;
- Legal aspects of drones in logistics;
- Security and surveillance in drone-based logistics;
- Standardization potentials in drone logistics.





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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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