Special Issue

Drones for Natural Hazards

Message from the Guest Editors

In recent years, unmanned aerial vehicles (UAVs) have undergone incredible technological development. Consecutively, systems that offer high-resolution data products acquired in a non-invasive and remote manner are very widely adopted in the disaster risk management cycle-preparedness, response, recovery, and mitigation. Scholars and professionals alike are implementing and continue to develop applications of UAVs and intelligent swarms for a variety of tasks ranging from hazard mapping and monitoring to more operational ones such as emergency response and search and rescue. In addition, UAV derived high resolutions datasets from passive or active sensors, are great assets for improving and validating spaceborne applications in the disaster domain. Furthermore, the data products from such aerial systems are easy to implement with geographic information systems and combined with geospatial artificial intelligence are further advancing the progress and develop the scientific research, and decision-making processes. Finally, the availability of consumer grade UAVs at affordable price is a main driving factor for adopting citizen science contribution to the risk-related activities.

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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