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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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Drones is the only international open-access journal about the science, policy and technology of drones and its applications. Nowadays, the proliferation of drones is a reality for local policy makers, regulatory bodies, mapping authorities, startups and consolidated companies. There are many uses and benefits of drones: from the emergence of new sensors and the evolution of new platforms; to the development of specific software and the emergence of new applications. *Drones* publishes reviews, regular research papers, communications and short notes, without restriction on the length of papers. *Drones* seeks to provide a central forum for scholars engaged in drones' research and applications.
There is a need for high quality papers in this area and the *Drones* Editorial Board are widely recognized international leaders. *Drones* journal guarantees a serious peer review and a rapid publication across the whole discipline of drones.

Editor-in-Chief

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