

## Special Issue

# UAVs for Coastal Surveying

### Message from the Guest Editors

UAVs, unmanned aerial systems (UASs), USSs, and underwater drones have all evolved very quickly in recent years. They have found many research and commercial applications utilizing cameras and other sensors to monitor, map, model, and survey the environment. This Special Issue will focus specifically on the role these platforms and sensors can play in monitoring, mapping, modelling, and surveying the coastal zone, and on the rapidly evolving technology. Drones are now widely used for habitat mapping, beach topographic survey, coastal erosion monitoring, coastal ecology mapping, shallow water bathymetry, coastal management, shoreline mapping, coastal protection structures, cliff faces, coastal geomorphology, wildlife monitoring, and saltmarsh topography, and evolution amongst many other applications. This special issue therefore welcomes scientific papers on the rapidly developing technology of airborne, surface, and underwater drones and their application to coastal data collection, storage, processing, information extraction, geo-visualization, and communication in the context of monitoring, mapping, modelling, and surveying the coastal environment.

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### Guest Editors

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### Deadline for manuscript submissions

28 February 2025



## Drones

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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.

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### Editor-in-Chief

Prof. Dr. Diego González-Aguilera

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