

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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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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