Special Issue

Drones for Natural Hazards

Message from the Guest Editors

In recent years, unmanned aerial vehicles (UAVs) have undergone incredible technological development. Consequently, 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

Dr. Vasil Yordanov

Dr. Luigi Barazzetti

Prof. Dr. Maria Antonia Brovelli

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

Editor-in-Chief

Dr. Prasad S. Thenkabail
Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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