# Special Issue

# The Application of Unmanned Aerial Systems in Search and Rescue Activities

## Message from the Guest Editors

Recent advances in search and rescue (SAR) activities include the operational use of unmanned aerial vehicles (UAVs), known as drones. This Special Issue focuses both on methodical papers on how data analysis during an SAR mission can be automated and on all aspects of the use of drones in SAR activities. New findings and recommendations in the field of drone-based SAR missions may facilitate searches and increase the probability of saving lives. Research areas may include (but are not limited to) the following:

- Special unmanned aerial systems dedicated for search and rescue;
- Use of consumer-grade drones in search and rescue;
- Close-range photogrammetry in search and rescue;
- Algorithms for person detection and tracking;
- Special software for search and rescue with drones;
- Field reports on the operational use of drones in search and rescue missions;
- Reports from field experiments;
- Drone payload use in search and rescue;
- Terrain assessment with drones (e.g., snow/avalanche evaluation for rescuers);
- Weather assessment with drones (e.g., wind evaluation for rescuers).

## Guest Editors


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## Deadline for manuscript submissions

closed (30 September 2023)


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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

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