

Special Issue

Advanced Machine Learning and Big Data Analytics in Remote Sensing for Natural Hazards Management

Message from the Guest Editors

Natural hazards are extreme and unexpected threats resulting from natural processes of the Earth, such as landslides, floods, hurricanes, tornados, volcanoes, or any other natural phenomena that may cause harm to humans. In this sense, this Special Issue encourages authors to share recent advances in natural hazard management, with a particular emphasis on issues addressed by means of advanced machine learning and big data analytics and remote sensing techniques. For all the aforementioned, we kindly invite the scientific community to contribute to this Special Issue by submitting novel and original research addressing at least one of the following topics, in the context of data science and big data:

- Recent advances in information fusion for natural hazards management.
- Recent advances in spatial modeling for natural hazards management.
- Recent advances in temporal modeling for natural hazards management.
- Real-world case study with findings with clear interest to the scientific community.

Finally, authors are encouraged to share codes and data so that their studies can be easily reproducible and serve as seed for future improvements.

Guest Editors

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Deadline for manuscript submissions

closed (20 January 2019)



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About the Journal

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.

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