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

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**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:

1. Recent advances in information fusion for natural hazards management.
2. Recent advances in spatial modeling for natural hazards management.
3. Recent advances in temporal modeling for natural hazards management.
4. 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.