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Spatial Big Data for Rangeland Ecology and Management

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Message from the Guest Editors

To support an effective and sustainable rangeland management system, decision-making processes must be based on sound knowledge derived from reliable data. Big data, especially in spatially explicit formats, are becoming increasingly prevalent in providing managers with a comprehensive view of time and space variations and thus optimizes rangeland management towards sustainable use.

This Special Issue focuses on research and development regarding multi-source geospatial big data for rangeland monitoring, and modelling to support sustainable rangeland management.

Topics include, but are not limited to, the following:

- Land-use change modelling and land-cover mapping with geospatial big data;
- Landscape level questions for rangelands;
- Implementation of big data analysis to understand spatial and temporal variations;
- Land management, including the conservation of ecosystem services;
- Multi-source remotely sensed data and analysis;
- Decision support systems for sustainable rangeland management.



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Special Issue



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Message from the Editor-in-Chief

Land is the only open access journal covering all aspects of land science, and it is a pioneering platform for publishing on land system science. Our editorial board is comprised of eminent scholars. We publish high quality research on societally relevant, emerging and innovative topics and results in land system research. It is now one of the top land journals with a significant Impact Factor, and has a goal to become the best journal in land in the coming years.

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