Special Issue

Machine Learning and Data Science Techniques for Remote Sensing and Social Media Data

Message from the Guest Editors

Remote sensing data and social media data are very different data sources, both useful for understanding land systems. For instance, Facebook ads can successfully be used to forecast wellbeing. On the other hand, hyperspectral images have been used for land classification. Furthermore, the integration of these data sources has enabled studies on poverty, disasters, livelihoods or mobility. We have witnessed how machine learning and data science can be used for forecasting and characterizing social and land systems. This call tackles the mission of identifying the state of the art of machine learning and data science to leverage remote sensing and social media data. This includes the comparison and benchmarking of ML strategies, the investigation of new applications for these types of data, the calibration of indicators, the implementation of new indicators, the design of new deep learning workflows, etc. This Special Issue aims to gather cutting-edge work around this topic and advocate for data-driven land systems and identify the best analytical tools and techniques to work on land and social and urban environments, including policy making.

Guest Editors

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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. I strongly recommend Land for your best research publications for a fast dissemination of your research.

Editor-in-Chief

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