

Special Issue

Land-Use Change and Ecosystem Services

Message from the Guest Editors

Human beings are significantly changing the terrestrial land cover by transforming vast wild areas into human-dominated land-use types. Intense land-use change can increase soil and nutrient erosion and reduce crop yield, and conversions between different land-use types can degrade ecosystem function and erode biodiversity. Maintaining balance between land use and ecosystem services is critical to our sustainable socio-economic development. Although many scientists have worked on related topics, more efforts are still needed to get detailed knowledge of land-use change and its effects. The advancements of big data, artificial intelligence and cloud computing technologies will help enhance the reliability and replicability of our findings. This Special Issue aims to collect high-quality research targeting the use of big data and deep learning in land-use analyses.

Guest Editors

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Deadline for manuscript submissions

closed (20 May 2023)



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Editor-in-Chief

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