

Special Issue

Evaluation, Application, and Opportunities of Land-Use Decision Support System in Agriculture

Message from the Guest Editors

While land use performs many social functions and contributes to sustainable development, it is often unclear how these functions are affected by policy decisions and common drivers of land use change, such as economic development, climate change and demographic. To better manage this phenomenon, the application of decision support system (DSS) in agriculture and the environment has increased rapidly, with the aim of establishing optimal land use patterns which are balanced trade-offs between achieving objectives and reducing the assessed risks. As such, this Special Issue intends to evaluate the development and implementation of DSS for land use, linking the results of land use models with the decision-making process of socio-economic and land use management in order to identify new directions for the development of the DSS. **Keywords**

- decision support systems
- sustainable land uses
- ecosystem services
- vulnerability
- resilience
- policy and management strategies
- models and analytical tools for land use management

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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.

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