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

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### **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

# Special Issue



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