



Watershed Scale Forest Restoration and Sustainable Development

Guest Editor:

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Message from the Guest Editor

Watershed management is an ever-evolving practice involving the management of land, water, biota, and other resources in a defined area for ecological, social, and economic purposes. In this Special Issue, we wish to explore the following questions: How has watershed management evolved? What new tools are available, such as developments in remote sensing, GIS, big data, cloud computing, and multi-level social-ecological systems analysis into watershed management strategies? How can the tools be integrated into sustainable watershed management? What kind of benefits might be obtained from integration across disciplines and jurisdictional boundaries, as well as the incorporation of technological advancements? We also welcome case studies of the successes and failures of integrated watershed management in addressing different ecological, social, and economic dilemmas in geographically diverse locations. We encourage studies from integrated management policies, strategy development, traditional knowledge, cross-jurisdictional cooperation and information sharing, advanced data collection and analysis methods, and the consideration of both ecological and socio-economic concerns.





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