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Planning and Optimization of Urban and Peri-urban Forests

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Message from the Guest Editors

Attention to the use and importance of the urban and peri-urban forests has been frequently given during the last years. Due to increasing urbanization, forest is widely used for recreation activities. Meanwhile, nature conservation and wood production continues to be important because of expected increase in biomass demand. Unfortunately, forest management for wood production is often in conflict with management for ecological and social values of the forest. As a result, tools that can analyze synergies and trade-offs between different forest values are needed. To handle the huge number of alternatives in forest management, a promising option is to base these tools on optimization modelling. We encourage studies from different fields, including operation research and modelling to the Special Issue in order to promote knowledge on how to balance the economical, ecological and social values of urban and peri-urban forest in forest planning, management and governance.



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Special Issue



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