

Selecting forest sites for voluntary conservation in Finland

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Abstract:

National forest biodiversity program METSO includes voluntary means, in which land-owners offer sites for fixed-term conservation against monetary compensation. The sites are evaluated on multiple criteria and selected within a limited budget. We demonstrate the benefits of portfolio versus one-by-one selection and illustrate how *Robust Portfolio Modeling* can be used to incorporate incomplete site and preference information into the analysis and hence produce robust decision recommendations.

Keywords:

Multi-criteria project portfolio optimization, Value tree analysis, Incomplete preference information