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Integrated optimization of strategic and tactical planning decisions in forestry

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Highlights

- We integrate tactical supply chain considerations in a strategic forest management model.
- We employ a two stage linear programming formulation to solve the integrated planning problems.
- We propose acceleration strategies to solve practical large-scale forest management problems.
- A clear gain in profit could be achieved when planning is conducted in an integrated approach.
- Integrated forest planning shows superior performance compared to the non-integrated approach.

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