Optimize your harvesting method

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Optimize...
Efficiency and effectiveness

Capital efficiency = economical aspect

Ecological efficiency = technical (!) aspect

Social efficiency = ergonomical aspect

Functionality = technical aspect

Ecological compatibility = ecological aspect

Social compatibility = social aspect
Multiple criteria

Decision making rules

Common basis

Diverse criteria

normative

time pending

suppression

ranking

weighting

Minimax-rule
Harvesting method

- Full tree
- Tree length
- Assortment
- Chips
- Fell
- Delimb
- Cross-cut

- In the stand
- On skid trail
- On forest road
- In the plant
Harvesting method

- Tree
  - Fell
  - Full tree
  - Delimb
  - Cross-cut
  - Tree length
  - Assortment
  - Chip
  - Chips

- Preskid
- Skid
- Transport

- In the stand
- On skid trail
- On forest road
- In the plant
Heuristic process

- Preskid
- Tree length
- Assortment
- Chips
- In the stand
- On skid trail
- On forest road
- In the plant
Assessment in 3 steps

Configuration of process

Multicriterial assessment

Harvesting method

Individual decision
Our task

- Precise process steps
- Focus and limits

Configuration of process

- Physical measurements
- Social queries
- Precise models

Multicriterial assessment

- Support at ind. decision