Productivity models for harvesting processes (HeProMo)



HeProMo

HeProMo is an IT-based tool to predict the costs of timber harvesting scenarios under different aspects such as harvester logging. It allows certain settings to reflect the real situations in the forest. It provides preliminary costing and sensitivity analysis.

HeProMo is an IT-based tool to predict the costs of timber harvesting scenarios under different aspects such as harvester logging. It allows certain settings to reflect the real situations in the forest. It provides preliminary costing and sensitivity analysis. estimation of productivity and cost for wood harvesting operations (preliminary costing). Writing and controlling offers for wood harvesting operations. Estimation of variables and their importance (sensitivity analysis). Well suitable for application in teaching, eductaion and research to identify key contributing factors and assessmen of their influence on the results. The productivity model (HeProMO) predicts quickly and with a good accurancy the costs for concrete timber harvestin scenarios. It allows the identification of optimization possibilities. The application is quite easy to handle and gives a solid basis for good economic choices.

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MAIS DETALHES _____

DESAFIO ABORDADO

TIPO DE SOLUÇÃO

5. Melhorar o desempenho económico e ambiental Gestão florestal, silvicultura, serviços do

Modelação, sistemas de apoio à decisão, simulaçã,

das cadeias de abastecimento florestal

Cortes, infraestruturas e logistica

SOLUÇÃO DIGITAL

DOMÍNIO

INOVAçãO

optimização

Cost estimation; harvesting scenarios; sensitivity

Sim

Sim

analysis

PAÍS DE ORIGEM

PALAVRAS-CHAVE

ESCALA DE APLICAÇÃO

ecosistema, resiliencia

ANO DE INÍCIO E FIM

Suíça

Nacional

DADOS DE CONTACTO

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https://www.wsl.ch/en/about-wsl/locations/contact-and-maps.html

REFERENCES AND RESOURCES

WEBSITE PRINCIPAL

RECURSOS

https://www.wsl.ch/en/about-wsl/locations/contact-and-maps.html

WEBSITE DO PROJETO

REFERÊNCIA AO PROJETO

PROJETO NO âMBITO DO QUAL A FOLHA DE DIVULGAÇÃO FOI CRIADA

Rosewood 4.0

DATA DE ENTRADA

12 Ago 2021







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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



