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.

MER INFORMASJON

UTFORDRING ADRESSERT

5. Forbedre den økonomiske og miljømessige ytelsen i skogbrukets forsynings kjede

DOMENE

Skogforvaltning, skogskjøtsel, økosystemtjenester

Avvirkning, infrastruktur, logistikk

TYPE LøSNING

Modellering, DSS, simulering, optimalisering

NøKKELORD

Cost estimation; harvesting scenarios; sensitivity analysis

DIGITAL LøSNING

Ja

INNOVASJON

Ja

OPPRINELSESLAND

Sveits

POTENSIALE

Nasjonal

START OG SLUTT åR

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KONTAKT INFORMASJON

EIER ELLER FORFATTER

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

RAPPORTøR

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REFERENCES AND RESOURCES

HJEMMESIDE (HOVEDSIDE)

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

PROSJEKTETS HJEMMESIDE

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REFERANSE TIL PROSJEKT

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RESSURSER

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PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

Rosewood 4.0

INNLEGGSDATO

12 aug 2021

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY