

Productivity models for harvesting processes (HeProMo)



HeProMo

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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 , education and research to identify key contributing factors and assessment of their influence on the results. The productivity model (HeProMo) predicts quickly and with a good accuracy the costs for concrete timber harvesting scenarios. It allows the identification of optimization possibilities. The application is quite easy to handle and gives a solid basis for good economic choices.

MEHR DETAILS

ANGESPROCHENE HERAUSFORDERUNG

5. Verbesserung der wirtschaftlichen und ökologischen Leistung der forstwirtschaftlichen Forstlieferketten

SCHLÜSSELWÖRTER

Cost estimation; harvesting scenarios; sensitivity analysis

HERKUNFTSLAND

Schweiz

DOMÄNE

Waldmanagement, Waldbau, Ökosystemleistungen, Resilienz
Holzernte, Infrastruktur, Logistik

DIGITALE LÖSUNG

Ja

UMFANG DER ANWENDUNG

National

ART DER LÖSUNG

Modellierung, DSS, Simulation, Optimierung

INNOVATION

Ja

ANFANGS- UND ENDJAHR

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KONTAKTDATEN

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

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REFERENCES AND RESOURCES

HAUPT-WEBSITE

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

PROJEKT-WEBSITE

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PROJEKT-REFERENZ

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RESSOURCEN

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PROJEKT, IN DESSEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE

Rosewood 4.0

BEITRAGSDATUM

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

