Productivity models for harvesting processes (HeProMo)



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

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

Estimation of productivity and cost for wood harvesting operations (preliminary costing). Writing and controlling of offers for wood harvesting operations. Estimation about 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

DETALJI

PODRIJETLO DRVA

Šuma

VRSTA DRVA

Deblo

ODGOVARAJUĆA VRSTA DRVA

Stemwood

UTJECAJ NA OKOLIŠ I BIORAZNOLIKOST

Positive

UČINAK NA PRIHOD

Positive

POTENCIJAL ISKORISTIVOSTI

--

SREDIŠTE

--

GOSPODARSKI UČINAK

Enhances competitiveness

POTREBNA POSEBNA ZNANJA

Knowledge in silviculture and handling with IT-tools

POTENCIJAL ZA POVEĆANJE UPORABE DRVA

- 10 m³/ha

POTENCIJAL ODRŽIVOSTI - VRIJEDNOST

--

JEDNOSTAVNOST PROVEDBE

Easy

JEDNOSTAVNOST PROVEDBE - EVALUACIJA

--

KLJUČNI PREDUVJETI

Knowledge in silviculture

VRSTA DOGAĐAJA NA KOJEM JE PRIKAZAN OVAJ BPI

--

UČINAK NA ZAPOŠLJIVOST

Positive

TROŠKOVI PROVEDBE (EURO - €)

--

VIŠE DETALJA

IZAZOV

--

DOMENA

Upravljanje šumama, uzgoj šuma, usluge ekosustava, otpornost

VRSTA RJEŠENJA

--

KLJUČNE RIJEČI

--

DIGITALNO RJEŠENJE

Ne

INOVACIJA

Ne

ZEMLJA PODRIJETLA

Švicarska

PODRUČJE PRIMJENE

Nacionalna

POČETAK I KRAJ GODINE

2003 - 2016

KONTAKT PODATCI

VLASNIK ILI AUTOR

IZVJESTITELJ

oliver.thees@wsl.ch

REFERENCES AND RESOURCES

GLAVNA WEB STRANICA

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

IZVORI

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WEB STRANICA PROJEKTA

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REFERENCA PROJEKTA

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PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN

Rosewood

DATUM UNOSA

16 ruj 2019

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