Mobile Timber Cruise (MOTI)



Forest stand inventory with the aid of the Smartphones capabilities (App). Easy, cheap and reliable tool for determining the most important dendrometer indicators (key figures of tree stands). Suitable for single tree measurement or stand inventories

Smartphones can be used as a good referencing tool for forest inventories and forest operation planning. Many further application developments and integrations thinkable

Easy and fast implementation of forest inventories and single tree measurement.
Possible determination of the base area (m2/ha) with or without the distinction of different tree species. Trunk rate (#/ha), stand height (m/ha), reserve of rough wood (m3/ha)

DETALJI

PODRIJETLO DRVA

Šuma

VRSTA DRVA

Deblo

ODGOVARAJUĆA VRSTA DRVA

Stemwood

UTJECAJ NA OKOLIŠ I BIORAZNOLIKOST

Positive. Deeper knowledge about forest stands lead to more adapted silvicultural interventions enhancing sustainability

UČINAK NA PRIHOD

Positive (less field work needed)

POTENCIJAL ISKORISTIVOSTI

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SREDIŠTE

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GOSPODARSKI UČINAK

- 10 m³/ha

POTREBNA POSEBNA ZNANJA

POTENCIJAL ZA POVEĆANJE UPORABE DRVA

0.1 - 0.2 m³/ha throughout the forested area of Switzerland (1.26 mio. ha)

POTENCIJAL ODRŽIVOSTI - VRIJEDNOST

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JEDNOSTAVNOST PROVEDBE

Very easy

JEDNOSTAVNOST PROVEDBE - EVALUACIJA

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KLJUČNI PREDUVJETI

Download from App-store (free of charge) available in different languages / app is adapted for forests with a lot of wood standing (big living stock)

VRSTA DOGAđAJA NA KOJEM JE PRIKAZAN OVAJ BPI

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UČINAK NA ZAPOŠLJIVOST

Positive thru better competitiveness

TROŠKOVI PROVEDBE (EURO - €)

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Low, App usage

VIŠE DETALJA

IZAZOV

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DOMENA

VRSTA RJEŠENJA

Senzori, mjerna oprema

KLJUČNE RIJEČI

--

DIGITALNO RJEŠENJE

Da

INOVACIJA

Ne

ZEMLJA PODRIJETLA

Švicarska

PODRUČJE PRIMJENE

Nacionalna

POČETAK I KRAJ GODINE

2013 -

KONTAKT PODATCI

VLASNIK ILI AUTOR

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IZVJESTITELJ

REFERENCES AND RESOURCES

GLAVNA WEB STRANICA

http://www.moti.ch

WEB STRANICA PROJEKTA

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REFERENCA PROJEKTA

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IZVORI

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PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN

Rosewood

DATUM UNOSA

16 ruj 2019

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