

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 (m^2/ha) with or without the distinction of different tree species. Trunk rate (#/ha), stand height (m/ha), reserve of rough wood (m^3/ha)

PODROBNOSTI

IZVOR LEŠA

Gozd

TIP LEŠA

Okrogli les

POTENCIJAL ZA MOBILIZACIJO

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

TRAJNOST - VREDNOST

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VRSTA OBRAVNANEGA LEŠA

Stemwood

ENOSTAVNOST IZVEDBE

Very easy

VPLIV NA OKOLJE IN BIODIVERZITETO

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

ENOSTAVNOST IZVEDBE - OCENJEVANJE

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VPLIV NA PRIHODKE

Positive (less field work needed)

KLJUČNI PREDPOGOJI

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)

POTENCIJAL IZKORIŠČANJA

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VRSTA DOGODKA, NA KATEREM JE BIL PREDSTAVLJEN TA BPI

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VOZLIŠČE

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VPLIV NA DELOVNA MESTA

Positive thru better competitiveness

GOSPODARSKI VPLIV

- 10 m³/ha

STROŠKI IZVEDBE (EURO - €)

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POTREBNO SPECIFIČNO ZNANJE

Low, App usage

VEČ
PODROBNOSTI

IZZIV	DOMENA	TIP REŠITVE
--		Senzorji, merilna oprema
KLJUČNE BESEDE	DIGITALNE REŠITVE	INOVACIJA
--	Da	Ne
IZVORNA DRŽAVA	OBSEG UPORABE	ZAČETNO IN KONČNO LETO
Švica	Nacionalni	2013 -

KONTAKTN
PODATKI

LASTNIK OZ. AVTOR

POROČEVALEC

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REFERENCES
AND RESOURCES

SPLETNA STRAN	VIRI
http://www.moti.ch	--
SPLETNA STRAN PROJEKTA	
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REFERENCA PROJEKTA	
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PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood

DATUM OBJAVE

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



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