

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 LESA

Gozd

TIP LESA

Okrogli les

VRSTA OBRAVNAVANEGA LESA

Stemwood

VPLIV NA OKOLJE IN BIODIVERZITETO

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

VPLIV NA PRIHODKE

Positive (less field work needed)

POTENCIAL IZKORIŠČANJA

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VOZLIŠČE

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GOSPODARSKI VPLIV

- 10 m³/ha

POTREBNO SPECIFIČNO ZNANJE

POTENCIAL ZA MOBILIZACIJO

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

TRAJNOST - VREDNOST

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ENOSTAVNOST IZVEDBE

Very easy

ENOSTAVNOST IZVEDBE - OCENJEVANJE

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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)

VRSTA DOGODKA, NA KATEREM JE BIL PREDSTAVLJEN TA BPI

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VPLIV NA DELOVNA MESTA

Positive thru better competitiveness

STROŠKI IZVEDBE (EURO - €)

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Low, App usage

VEČ
PODROBNOSTI

IZZIV

--

KLJUČNE BESEDE

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IZVORNA DRŽAVA

Švica

DOMENA

DIGITALNE REŠITVE

Da

OBSEG UPORABE

Nacionalni

TIP REŠITVE

Senzorji, merilna oprema

INOVACIJA

Ne

ZAČETNO IN KONČNO LETO

2013 -

KONTAKTN
PODATKI

LASTNIK OZ. AVTOR

POROČEVALEC

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REFERENCES
AND RESOURCES

SPLETNA STRAN

<http://www.moti.ch>

SPLETNA STRAN PROJEKTA

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REFERENCA PROJEKTA

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VIRI

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PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood

DATUM OBJAVE

16 Sep 2019



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

