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)

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
--

VOZLIŠČE
--

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
--

ENOSTAVNOST IZVEDBE
Very easy

ENOSTAVNOST IZVEDBE - OCENJEVANJE
--

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
--

VPLIV NA DELOVNA MESTA
Positive thru better competitiveness

STROŠKI IZVEDBE (EURO - €)
--

Low, App usage

VEČ PODROBNOSTI

IZZIV

--

DOMENA

TIP REŠITVE

Senzorji, merilna oprema

KLJUČNE BESEDE

--

DIGITALNE REŠITVE

Da

INOVACIJA

Ne

IZVORNA DRŽAVA

Švica

OBSEG UPORABE

Nacionalni

ZAČETNO IN KONČNO LETO

2013 -

KONTAKTN PODATKI

LASTNIK OZ. AVTOR

christian.rosset@bfh.ch

POROČEVALEC

REFERENCES AND RESOURCES

SPLETNA STRAN

http://www.moti.ch

VIRI

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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

16 Sep 2019

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