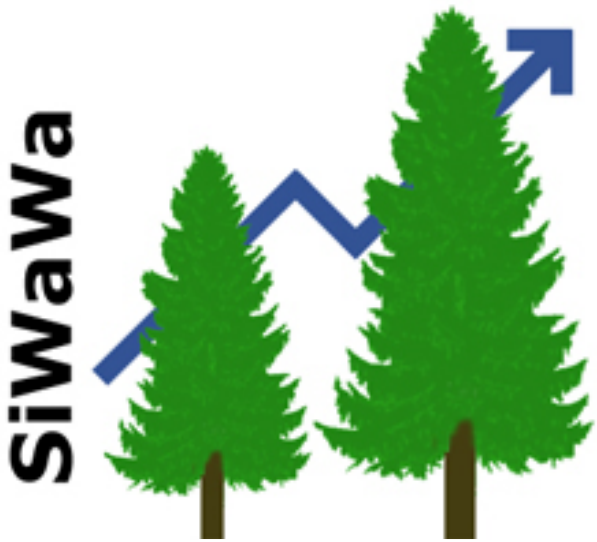
SiWaWa 2.0 - Forest growing model



SiWaWa 2.0 is a simple developed new forest growth simulation model for practitioner (Android-App). SiWaWa needs only the number of the stems [N], the basal area per hectare [G] of a certain stand to generate separated the stem distribution curve according to the DBH-classes. SiWaWa 2.0 supports the decision makers in two aspects: Silvicultural and forest planning. It supports the foresters in a better understanding of the state point and forest development

Free available Android-App, which could be used in the following fields:

1. Strategy: Goal dimension of the trees, cutting time
2. Care concept: Coordination of harvesting time, optimization of productivity
3. Measurements: Urgency and priority
4. Analysis: Starting point and forest development without interventions. Definition of intervention measures and simulation

PODROBNOSTI

IZVOR LESA

Gozd

TIP LESA

Okrogli les

VRSTA OBRAVNAVANEGA LESA

Stemwood

VPLIV NA OKOLJE IN BIODIVERZITETO

Positive

VPLIV NA PRIHODKE

Positive

POTENCIAL IZKORIŠČANJA

--

VOZLIŠČE

--

GOSPODARSKI VPLIV

Approx. 10 €/ha

POTREBNO SPECIFIČNO ZNANJE

IT-tool application knowledge

POTENCIAL ZA MOBILIZACIJO

1 – 2 m³/ha

TRAJNOST - VREDNOST

--

ENOSTAVNOST IZVEDBE

Medium

ENOSTAVNOST IZVEDBE - OCENJEVANJE

--

KLJUČNI PREDPOGOJI

Silvicultural knowledge needed (Android-App)

VRSTA DOGODKA, NA KATEREM JE BIL PREDSTAVLJEN TA BPI

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VPLIV NA DELOVNA MESTA

Positive

STROŠKI IZVEDBE (EURO - €)

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VEČ PODROBNOSTI

IZZIV

1. Izboljšava odpornosti gozdov in prilagoditev na klimatske spremembe

DOMENA

Gojenje gozdov, gospodarjenje z gozdovi, odpornost, ekosistemske storitve

TIP REŠITVE

--

KLJUČNE BESEDE

--

DIGITALNE REŠITVE

No

INOVACIJA

Ne

IZVORNA DRŽAVA

Švica

OBSEG UPORABE

Nacionalni

ZAČETNO IN KONČNO LETO

2018 - 2018

KONTAKTN PODATKI

LASTNIK OZ. AVTOR

christian.rosset@bfh.ch

POROČEVALEC

REFERENCES AND RESOURCES

SPLETNA STRAN

http://siwawa.org/wiki/index.php

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

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 862681

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY