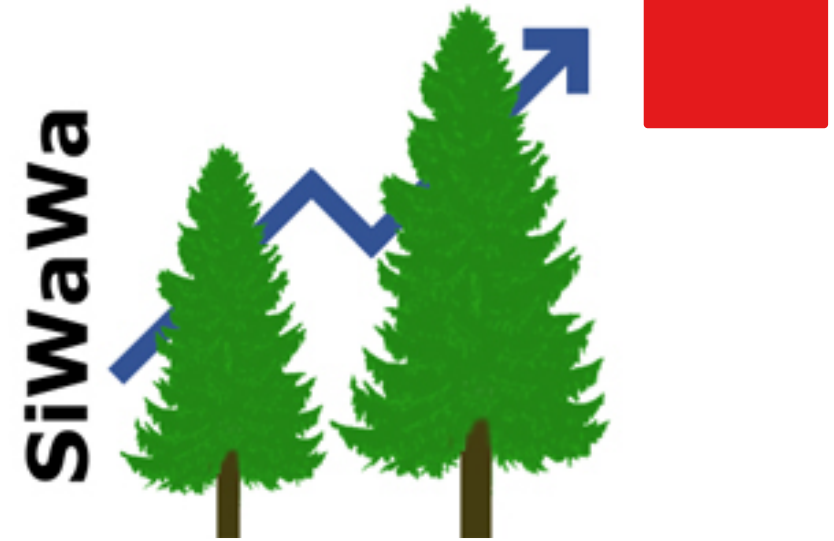


SiWaWa 2.0 - Forest growing model



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

DETALJI

PODRIJETLO DRVA

Šuma

VRSTA DRVA

Deblo

ODGOVARAJUĆA VRSTA DRVA

Stemwood

UTJECAJ NA OKOLIŠ I BIORAZNOLIKOST

Positive

UČINAK NA PRIHOD

Positive

POTENCIJAL ISKORISTIVOSTI

--

SREDIŠTE

--

GOSPODARSKI UČINAK

Approx. 10 €/ha

POTREBNA POSEBNA ZNANJA

IT-tool application knowledge

POTENCIJAL ZA POVEĆANJE UPORABE DRVA

1 – 2 m³/ha

POTENCIJAL ODRŽIVOSTI - VRIJEDNOST

--

JEDNOSTAVNOST PROVEDBE

Medium

JEDNOSTAVNOST PROVEDBE - EVALUACIJA

--

KLJUČNI PREDUVJETI

Silvicultural knowledge needed (Android-App)

VRSTA DOGAĐAJA NA KOJEM JE PRIKAZAN OVAJ BPI

--

UČINAK NA ZAPOŠLJIVOST

Positive

TROŠKOVI PROVEDBE (EURO - €)

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VIŠE DETALJA

IZAZOV

1. Poboljšanje otpornosti šuma i prilagodbe klimatskim promjenama

KLJUČNE RIJEČI

--

ZEMLJA PODRIJETLA

Švicarska

DOMENA

Upravljanje šumama, uzgoj šuma, usluge ekosustava, otpornost

DIGITALNO RJEŠENJE

Ne

PODRUČJE PRIMJENE

Nacionalna

VRSTA RJEŠENJA

--

INOVACIJA

Ne

POČETAK I KRAJ GODINE

2018 - 2018

KONTAKT PODATCI

VLASNIK ILI AUTOR

christian.rosset@bfh.ch

IZVJESTITELJ

REFERENCES AND RESOURCES

GLAVNA WEB STRANICA

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

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



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

