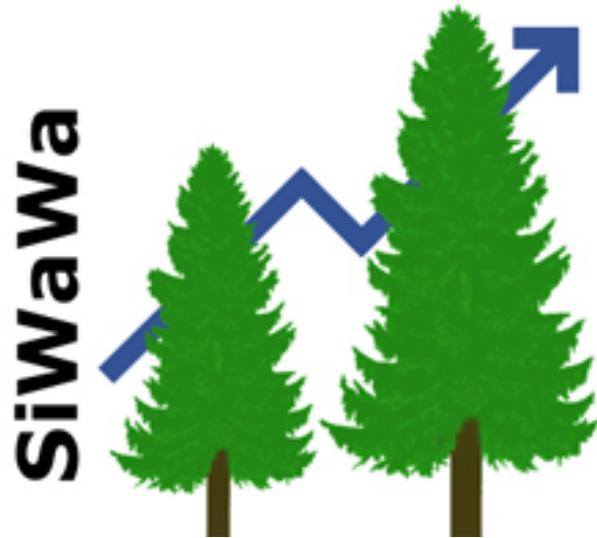


## SiWaWa 2.0 - Forest growing model



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

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**PODRIJETLO DRVA**

Šuma

**VRSTA DRVA**

Deblo

**POTENCIJAL ZA POVEĆANJE UPORABE DRVA**

1 – 2 m<sup>3</sup>/ha

**ODGOVARAJUĆA VRSTA DRVA**

Stemwood

**JEDNOSTAVNOST PROVEDBE**

Medium

**UTJECAJ NA OKOLIŠ I BIORAZNOLIKOST**

Positive

**JEDNOSTAVNOST PROVEDBE - EVALUACIJA**

--

**UČINAK NA PRIHOD**

Positive

**KLJUČNI PREDUVJETI**

Silvicultural knowledge needed (Android-App)

**POTENCIJAL ISKORISTIVOSTI**

--

**VRSTA DOGAĐAJA NA KOJEM JE PRIKAZAN OVAJ BPI**

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**SREDIŠTE**

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**UČINAK NA ZAPOŠLJIVOST**

Positive

**GOSPODARSKI UČINAK**

Approx. 10 €/ha

**TROŠKOVI PROVEDBE (EURO - €)**

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**POTREBNA POSEBNA ZNANJA**

IT-tool application knowledge

## VIŠE DETALJA

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### IZAZOV

1. Poboljšanje otpornosti šuma i prilagodbe klimatskim promjenama

### KLJUČNE RIJEČI

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### ZEMLJA PODRIJETLA

Švicarska

### DOMENA

Upravljanje šumama, uzgoj šuma, usluge ekosustava, otpornost

### VRSTA RJEŠENJA

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### INOVACIJA

### DIGITALNO RJEŠENJE

Ne

Ne

### PODRUČJE PRIMJENE

Nacionalna

### POČETAK I KRAJ GODINE

2018 - 2018

## KONTAKT PODATCI

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### VLASNIK ILI AUTOR

christian.rosset@bfh.ch

### IZVJESTITELJ

## REFERENCES AND RESOURCES

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### GLAVNA WEB STRANICA

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

### IZVORI

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### WEB STRANICA PROJEKTA

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### REFERENCA PROJEKTA

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PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN

Rosewood

DATUM UNOSA

16 ruj 2019

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862681

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

