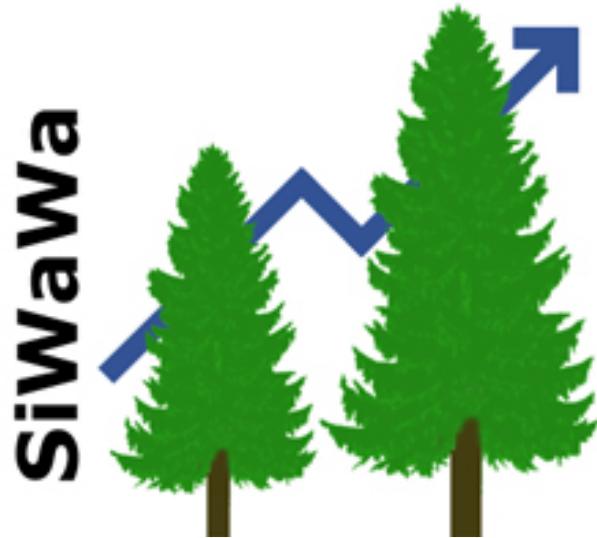


SiWaWa 2.0 - Forest growing model



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	POTENCIJAL ZA MOBILIZACIJO
Gozd	1 – 2 m ³ /ha
TIP LESA	TRAJNOST - VREDNOST
Okrogli les	--
VRSTA OBRAVNANEGA LESA	ENOSTAVNOST IZVEDBE
Stemwood	Medium
VPLIV NA OKOLJE IN BIODIVERZITETO	ENOSTAVNOST IZVEDBE - OCENJEVANJE
Positive	--
VPLIV NA PRIHODKE	KLJUČNI PREDPOGOJI
Positive	Silvicultural knowledge needed (Android-App)
POTENCIJAL IZKORIŠČANJA	VRSTA DOGODKA, NA KATEREM JE BIL PREDSTAVLJEN TA BPI
--	--
VOZLIŠČE	VPLIV NA DELOVNA MESTA
--	Positive
GOSPODARSKI VPLIV	STROŠKI IZVEDBE (EURO - €)
Approx. 10 €/ha	--
POTREBNO SPECIFIČNO ZNANJE	
IT-tool application knowledge	

**VEČ
PODROBNOSTI**

IZZIV	DOMENA	TIP REŠITVE
1. Izboljšava odpornosti gozdov in prilagoditev na klimatske spremembe	Gojenje gozdov, gospodarjenje z gozdovi, odpornost, -- ekosistemski storitve	
KLJUČNE BESEDE	DIGITALNE REŠITVE	INOVACIJA
--	No	Ne
IZVORNA DRŽAVA	OBSEG UPORABE	ZAČETNO IN KONČNO LETO
Švica	Nacionalni	2018 - 2018

KONTAKTN PODATKI

LASTNIK OZ. AVTOR Poročevalcev

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REFERENCES AND RESOURCES

SPLETNA STRAN	VIRI
http://siwawa.org/wiki/index.php	--
SPLETNA STRAN PROJEKTA	
--	
REFERENCA PROJEKTA	

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

