

## Forest growing model (SiWaWa 2.0)



**ROSEWOOD**  
**4.0** Sustainable Wood  
for Europe

### SiWaWa 2.0

*A simple 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.*

A simple 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. 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. 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.

IZZIV	DOMENA	TIP REŠITVE
5. Izboljšanje gospodarske in ekološke učinkovitosti gozdne oskrbovalne verige	Gojenje gozdov, gospodarjenje z gozdovi, odpornost, Modeliranje, DSS, simulacija, optimizacija ekosistemskih storitev Izobraževanje	Modeliranje, DSS, simulacija, optimizacija
<b>KLJUČNE BESEDE</b>	<b>DIGITALNE REŠITVE</b>	<b>INOVACIJA</b>
Simulation; Growth; App	Da	Da
<b>IZVORNA DRŽAVA</b>	<b>OBSEG UPORABE</b>	<b>ZAČETNO IN KONČNO LETO</b>
Švica	Nacionalni	--

KONTAKTN  
PODATKI

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REFERENCES  
AND RESOURCES

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<b>SPLETNA STRAN</b>	<b>VIRI</b>
<a href="http://siwawa.org/wiki/index.php">http://siwawa.org/wiki/index.php</a>	--
<b>SPLETNA STRAN PROJEKTA</b>	
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<b>REFERENCA PROJEKTA</b>	
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PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood

DATUM OBJAVE

12 Aug 2021

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

