

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.

PIÙ DETTAGLI

SFIDA RISOLTA	DOMINIO	TIPO DI SOLUZIONE
5. Migliorare le prestazioni economiche e ambientali delle filiere forestali	La gestione forestale, selvicoltura, i servizi ecosistemici, resilienza Istruzione e formazione	Modellazione, DSS, la simulazione, l'ottimizzazione
PAROLE CHIAVE	SOLUZIONE DIGITALE	INNOVAZIONE
Simulation; Growth; App	Sì	Sì
PAESE D'ORIGINE	SCALA DI APPLICAZIONE	INIZIO E FINE ANNO
Svizzera	Nazionale	--

CONTATTI

PROPRIETARIO O AUTORE	REPORTER
BFH Berne University of Applied Sciences Christian Rosset christian.rosset@bfh.ch	BFH Bern University of Applied Sciences Moritz Dreher moritzkaspar.dreher@bfh.ch

REFERENCES AND RESOURCES

SITO PRINCIPALE	RISORSE
http://siwawa.org/wiki/index.php	--
SITO WEB DEL PROGETTO	--
PROGETTO DI RIFERIMENTO	--

PROGETTO NELL'AMBITO DEL QUALE QUESTA SCHEDA è STATA CREATA

Rosewood

DATA DI INSERIMENTO

12 Ago 2021



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



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