# Forest growing model (SiWaWa 2.0)

## 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.

## MER INFORMATION

UTMANING SOM ADRESSERAS

5. Förbättra ekonomisk och miljömässig prestanda för skogsförsörjningskedjor

DOMäN

Skogsförvaltning, skogskjötsel, ekosystemtjänster

Undervisning och träning

TYPE AV LöSNING

Modellering, DSS, simulering, optimering

NYCKELORD

Simulation; Growth; App

DIGITAL LöSNING

Ja

INNOVASION

Ja

UPPHOVSLAND

Schweiz

POTENTIAL

Nationell

START OCH SLUTåR

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## KONTAKT INFORMASION


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## REFERENCES AND RESOURCES

HEMSIDA (HUVUDSIDA)

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

PROJEKTETS HEMSIDA

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PROJEKTREFERENS

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RESURSER

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PROJEKT SOM DETTA FACTSHEET SKAPATS INOM

Rosewood

DATUM FöR INLäGG

12 aug 2021

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Link to Rosewood 4.0

## A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY