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

ÄGARE ELLER FöRFATTARE

BFH Berne University of Applied Sciences

Christian Rosset

christian.rosset@bfh.ch

RAPPORTöR

BFH Bern University of Applied Sciences

Moritz Dreher

moritzkaspar.dreher@bfh.ch

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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