

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.

VIAC INFORMÁCIÍ

RIEŠENÁ VÝZVA

5. Zlepšenie hospodárskej a environmentálnej výkonnosti dodávateľských reťazcov v lesníctve

Kľúčové SLOVá

Simulation; Growth; App

KRAJINA PôVODU

Švajčiarsko

DOMAIN

Lesné hospodárstvo/hospodárska úprava lesa, pestovanie lesa, ekosystémové služby, odolnosť

Vzdelávanie a odborná príprava

DIGITALNE RIEŠENIE

áno

ROZSAH APLIKÁCIE

Národný

TYP RIEŠENIA

Modelovanie, simulácia, optimalizácia

INOVÁCIE

Áno

ZAČIATOK A KONIEC ROKA

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REFERENCES AND RESOURCES

HLAVNÁ WEBSTRÁNKA

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

PROJEKTOVÁ WEBSTRÁNKA

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REFERENCIA PROJEKTU

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ZDROJE

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PROJEKT, V RÁMCI KTORÉHO BOL TENTO INFORMAČNÝ PREHĽAD VYTVORENÝ

Rosewood

DÁTUM ODOSLANIA

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

