# 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.

## PLUS DE DéTAILS

**DéFI CONCERNé**

5. Accroître les performances économiques et environnementales de la chaîne logistique forestière

**DOMAINE**

Getsion forestière, sylviculture, services écosystémiques, résilience

Education et formation

**TYPE DE SOLUTION**

Modélisation, DSS, simulation, optimisation

**MOTS-CLéS**

Simulation; Growth; App

**SOLUTION DIGITALE**

Oui

**INNOVATION**

Oui

**PAYS D'ORIGINE**

Suisse

**ECHELLE D'APPLICATION**

Nationale

**DéBUT ET FIN D'ANNéE**

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## INFORMATIONS DE CONTACT

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## REFERENCES AND RESOURCES

**SITE WEB PRINCIPAL**

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

**SITE WEB DU PROJET**

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**RéFéRENCE DU PROJET**

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**RESSOURCES**

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**PROJET SOUS LEQUEL CETTE FICHE D'INFORMATION A éTé CRééE**

Rosewood

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

cesefor
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