

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.

PLUS DE DÉTAILS

DéFI CONCERNé	DOMAINE	TYPE DE SOLUTION
5. Accroître les performances économiques et environnementales de la chaîne logistique forestière écosystémiques, résilience	Getson forestière, sylviculture, services Education et formation	Modélisation, DSS, simulation, optimisation
MOTS-CLéS	SOLUTION DIGITALE	INNOVATION
Simulation; Growth; App	Oui	Oui
PAYS D'ORIGINE	ECHELLE D'APPLICATION	DéBUT ET FIN D'ANNéE
Suisse	Nationale	--

INFORMATIONS DE CONTACT

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REFERENCES AND RESOURCES

SITE WEB PRINCIPAL	RESSOURCES
http://siwawa.org/wiki/index.php	--
SITE WEB DU PROJET	--
RéFéRENCE DU PROJET	--

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



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