

# 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.

## MÁS DETALLES

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### RETO ABORDADO

5. Mejorar el rendimiento económico y medioambiental de las cadenas de suministro forestal

### PALABRAS CLAVE

Simulation; Growth; App

### PAÍS DE ORIGEN

Suiza

### DOMINIO

Gestión forestal, silvicultura, servicios ecosistémicos, resiliencia

Educación y formación

### SOLUCIÓN DIGITAL

Sí

### ESCALA DE APLICACIÓN

Nacional

### TIPO DE SOLUCIÓN

Modelización, DSS, simulación, optimización

### INNOVACIÓN

Si

### AÑO DE INICIO Y FIN

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## DATOS DE CONTACTO

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## REFERENCES AND RESOURCES

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### SITIO WEB PRINCIPAL

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

### SITIO WEB DEL PROYECTO

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### REFERENCIA DEL PROYECTO

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### RECURSOS

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PROYECTO BAJO EL QUE SE HA CREADO ESTA FICHA

Rosewood

FECHA DE MENSAJE

12 Ago 2021

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This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 862681

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

