

Assortment simulator (SorSim)



SorSim

IT-based simulation (SorSim) for revenue estimation for single trees or tree stands. Modelling of the stem form, height, diameter at breast height (DBH) from tree species. Supports decision makers in production- and utilization processes.

IT-based simulation (SorSim) for revenue estimation for single trees or tree stands. Modelling of the stem form, height, diameter at breast height (DBH) from tree species. Supports decision makers in production- and utilization processes. SorSim allows an adequate calculation of the revenues of single trees and tree stands with the information's of quality, quantity and the assortment. The information basis includes tree species, tree age (height), stem-form. SorSim is an IT-based tool which allows to predict values on single tree-level and tree stands

MEHR DETAILS

ANGESPROCHENE HERAUSFORDERUNG

5. Verbesserung der wirtschaftlichen und ökologischen Leistung der forstwirtschaftlichen Forstlieferketten

SCHLÜSSELWÖRTER

Simulation; Modelling; Assortment

HERKUNFTSLAND

Schweiz

DOMÄNE

Produkte, Märkte, Handel
Holzernte, Infrastruktur, Logistik

DIGITALE LÖSUNG

Ja

UMFANG DER ANWENDUNG

National

ART DER LÖSUNG

Modellierung, DSS, Simulation, Optimierung

INNOVATION

Ja

ANFANGS- UND ENDJAHR

--

KONTAKTDATEN

EIGENTÜMER ODER AUTOR

Eidgenössische Forschungsanstalt WSL

Renato Lemm

renato.lemm@wsl.ch

<https://www.wsl.ch/en/projects/sortimentsimulator-sorsim.html>

REPORTER

BFH Berne University of Applied Sciences

Moritz Dreher

moritzkaspar.dreher@bfh.ch

REFERENCES AND RESOURCES

HAUPT-WEBSITE

<https://www.wsl.ch/en/projects/sortimentsimulator-sorsim.html>

PROJEKT-WEBSITE

--

PROJEKT-REFERENZ

--

RESSOURCEN

--

PROJEKT, IN DESSEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE

Rosewood 4.0

BEITRAGSDATUM

12 Aug. 2021



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

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

