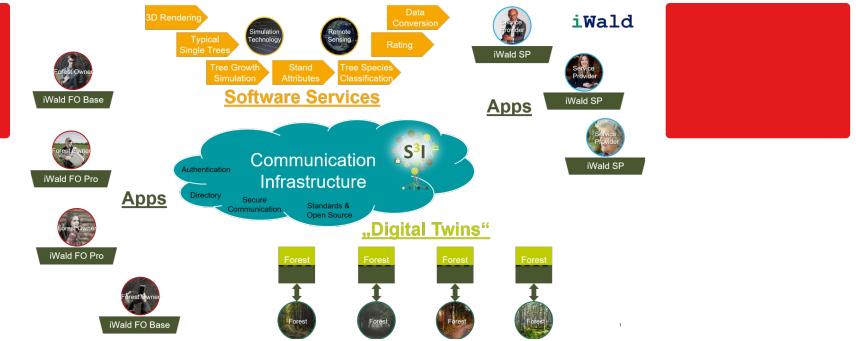


# iWald | Forest growth simulation app



*Comparison of silvicultural treatment concepts by simulating forest growth processes on the smartphone.*

In the iWald project, a system is being developed enabling forest owners to obtain realistic and technically sound options for the sustainable management of their forests. The individual objectives of the forest owner (private, communal, state) are taken into account as well as the forestry risk minimization and the sustainable conversion of forests while safeguarding the economic, ecological and social forest functions. One of the main results of iWald will be the "iWald App", which can be used to simulate forest growth processes on a smartphone. This will be provided with different entry barriers, so that both the forest layman and the trained forester will find their access to iWald. The goals include activating forest owners, who can thus approach their forest on a playful level, or improving public acceptance of forestry interventions through the possibility of simple visualization of future consequences.

## DETALJI

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### PODRIJETLO DRVA

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High, activation of forest owners to initiate forestry interventions is encouraged by the game character of the app.

### VRSTA DRVA

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**POTENCIJAL ODRŽIVOSTI - VRIJEDNOST**  
Vrlo pozitivno

### ODGOVARAJUĆA VRSTA DRVA

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The solution is not yet available on the market.

### UTJECAJ NA OKOLIŠ I BIORAZNOLIKOST

Economic, ecological and social forest functions are integrated into the apps decision support system.

### JEDNOSTAVNOST PROVEDBE

### JEDNOSTAVNOST PROVEDBE - EVALUACIJA

teško

### UČINAK NA PRIHOD

--  
**KLJUČNI PREDUVJETI**  
--

### POTENCIJAL ISKORISTIVOSTI

--  
**VRSTA DOGAđAJA NA KOJEM JE PRIKAZAN OVAJ BPI**  
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### SREDIŠTE

Centralno-zapadno čvorište

### UČINAK NA ZAPOŠLJIVOST

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### GOSPODARSKI UČINAK

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**TROŠKOVI PROVEDBE (EURO - €)**  
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### POTREBNA POSEBNA ZNANJA



## VIŠE DETALJA

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### IZAZOV

1. Poboljšanje otpornosti šuma i prilagodbe klimatskim promjenama

### KLJUČNE RIJEČI

tree growth simulation  
apps

private forest owners  
service providers

### ZEMLJA PODRIJETLA

Njemačka

### DOMENA

Upravljanje šumama, uzgoj šuma, usluge ekosustava, otpornost

### DIGITALNO RJEŠENJE

Da

### VRSTA RJEŠENJA

Modeliranje, sustav za podršku odlučivanju, simulacija, optimizacija

### INOVACIJA

Da

### PODRUČJE PRIMJENE

Nacionalna

### POČETAK I KRAJ GODINE

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## KONTAKT PODATCI

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### VLASNIK ILI AUTOR

RWTH Aachen, Institute for Man-Machine Interaction

Dr.Ing. Martin Hoppen

hoppen@mmi.rwth-aachen.de

<https://www.mmi.rwth-aachen.de/en/research/applications/environment/>

### IZVJESTITELJ

FBZ

Dr. Marie-Charlotte Hoffmann

marie-charlotte.hoffmann@wald-und-holz.nrw.de

## REFERENCES AND RESOURCES

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### GLAVNA WEB STRANICA

<https://www.mmi.rwth-aachen.de/projekt/iwald/>

### WEB STRANICA PROJEKTA

<https://kwf2020.kwf-online.de/portfolio/iwald/>

### REFERENCA PROJEKTA

iWald, funded by FNR under no. 22012818

### IZVORI

LOGO PRIMJERA DOBRE  
PRAKSE

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LOGO GLAVNE ORGANIZACIJE

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# iWald



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PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN

Rosewood 4.0

DATUM UNOSA

12 kol 2021



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862681

[Link to Rosewood 4.0](#)



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



□