

Arboair | High precision imagery for bark beetle detection



Precision forestry service that with the help of RGB and multispectral images from drones, airplanes, helicopters or satellites can detect bark beetle infected or stressed trees.

Today, the technology for identifying bark beetle attacks in the forest is largely based on manual work through visual checks of forest areas, where early attacks are almost impossible to see, while old attacks are easier to detect. Attempts have been made to identify damage attacks using satellite radar maps which give a good indication and can be seen as a complementing part to our precision analysis. Arboair Forest Mapper is a service where you analyze your images via our AI. Our model is trained on over 200 000 trees and it is verified by forest managers.

MAI MULTE DETALII

PROVOCARE ABORDATĂ

1. Îmbunătățirea rezilienței pădurilor și adaptarea la schimbările climatice

DOMAIN

Inventariere, evaluare, monitorizare
Perturbări ale pădurilor, riscuri, răspuns la dezastre
Cercetare și dezvoltare

TIP DE SOLUȚIE

Senzori, echipamente de măsurare

CUVINTE CHEIE

Bark beetle; detection; drones; AI

SOLUȚIE DIGITALĂ

Da

INOVAȚIE

Da

ȚARA DE ORIGINE

Suedia

SCARA DE APLICARE

Național

ANUL DE ÎNCEPUT ȘI DE SFÂRȘIT

--

DATE DE CONTACT

PROPRIETAR SAU AUTOR

Paper Province

Marcus Drugge

drugge@arboair.com

www.arboair.com

REPORTER

Paper Province

Gunnar Hellerström

g.hellerstrom@paperprovince.com

REFERENCES AND RESOURCES

PAGINĂ WEB

<https://arboair.com>

WEBSITE PROJECT

--

REFERINȚĂ PROIECT

--

RESURSE

--



PROIECTUL ÎN CADRUL CĂRUI A FOST CREATă ACEASTă FIȘă INFORMATIVă
Rosewood 4.0

DATA POSTĂRII
12 Aug 2021



[Link to Rosewood 4.0](#)



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

