

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.

MER INFORMATION

UTMANING SOM ADRESSERAS

1. Förbättra skogens motståndskraft och anpassning till klimatförändringar

NYCKELORD

Bark beetle; detection; drones; AI

UPPHOVSLAND

Sverige

DOMÄN

Inventering, värdering, övervakning
Skogsskador, risker, katastrofberedskap
Forskning och utveckling

DIGITAL LÖSNING

Ja

POTENTIAL

Nationell

TYPE AV LÖSNING

Sensorer, mätinstrument

INNOVASION

Ja

START OCH SLUTÅR

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KONTAKT INFORMATION

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REFERENCES AND RESOURCES

HEMSIDA (HUVUDSIDA)

<https://arboair.com>

PROJEKTETS HEMSIDA

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PROJEKTFERENS

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RESURSER

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PROJEKT SOM DETTA FACTSHEET SKAPATS INOM

Rosewood 4.0

DATUM FÖR INLÄGG

12 aug 2021



Link to Rosewood 4.0



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

