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 INFORMASJON

UTFORDRING ADRESSERT

1. Forbedre skogens robusthet og tilpasningsevne til klimaendringer

DOMENE

Inventering, vurdering, overvåking

Skogskader, risiko, katastrofeberedskap

Forskning og utvikling

TYPE LøSNING

Sensorer, måleinstrumenter

NøKKELORD

Bark beetle; detection; drones; AI

DIGITAL LøSNING

Ja

INNOVASJON

Ja

OPPRINELSESLAND

Sverige

POTENSIALE

Nasjonal

START OG SLUTT åR

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KONTAKT INFORMASJON

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REFERENCES AND RESOURCES

HJEMMESIDE (HOVEDSIDE)

https://arboair.com

PROSJEKTETS HJEMMESIDE

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REFERANSE TIL PROSJEKT

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RESSURSER

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LOGO FOR BESTE PRAKSIS

LOGO FOR HOVEDORGANISASJON

ARBOAIR

PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

Rosewood 4.0

INNLEGGSDATO

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY