

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.

MAIS DETALHES

DESAFIO ABORDADO

1. Melhorar a resiliência e adaptação das florestas às alterações climáticas

DOMÍNIO

Inventário, avaliação e monitorização
Perturbações florestais, riscos e resposta a catástrofes
Investigação e desenvolvimento

TIPO DE SOLUÇÃO

Sensores, equipamentos de medição

PALAVRAS-CHAVE

Bark beetle; detection; drones; AI

SOLUÇÃO DIGITAL

Sim

INOVAÇÃO

Sim

PAÍS DE ORIGEM

Suécia

ESCALA DE APLICAÇÃO

Nacional

ANO DE INÍCIO E FIM

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DADOS DE CONTACTO

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REFERENCES AND RESOURCES

WEBSITE PRINCIPAL

<https://arboair.com>

RECURSOS

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WEBSITE DO PROJETO

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REFERÊNCIA AO PROJETO

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PROJETO NO ÂMBITO DO QUAL A FOLHA DE DIVULGAÇÃO FOI CRIADA

Rosewood 4.0

DATA DE ENTRADA

12 Ago 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

