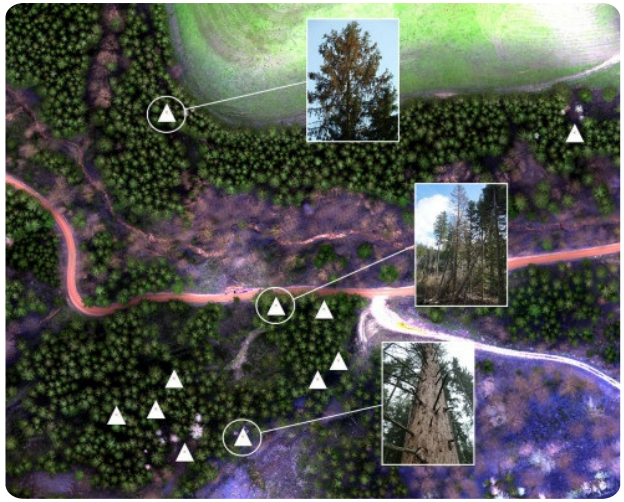
Festmeter | Bark beetle detection



FESTMETER Wöls Ltd. offers vitality analyses with a focus on bark beetle detection in coniferous forests.

Festmeter Wöls Ltd. offers vitality analyses with regard to bark beetle detection in coniferous forests. Using the carrier systems multicopter or light aircraft, forest plots are flown over in a grid system and aerial photographs are taken with a special camera, which are later analysed and evaluated on the computer. The technology used makes vitality restrictions visible, changes in the water content of the needles can be seen, but not the exact cause, such as the bark beetle itself. However, since image series from at least two flights at different times are compared, many other causes such as drought stress can be excluded and the bark beetle can be traced very closely. Initial trees are identified in the analysis, while the decision on necessary measures remains with the qualified on-site staff. A 100% hit rate is impossible. The aim should be to be able to act faster and more purposefully in the field. Long-standing customers report positive hit rates of over 80%.

VIAC INFORMáCIí

RIEšENá VýZVA

1. Zlepšenie odolnosti lesov a adaptácie na zmenu klímy

DOMAIN

Inventarizácia, posudzovanie, monitoring/monitorovanie

TYP RIEšENIA

Senzory, meracie prístroje/meracie vybavenie

KľúčOVé SLOVá

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DIGITALNE RIEšENIE

áno

INOVáCIE

Nie

KRAJINA PôVODU

Rakúsko

ROZSAH APLIKáCIE

Regionálny/

ZAčIATOK A KONIEC ROKA

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KONTAKTNé úDAJE

VLASTNíK ALEBO AUTOR

Festmeter Wöls GmbH

Dr. Kurt Wöls

woels@festmeter.at

www.festmeter.at

REPORTéR

Holzcluster Steiermark GmbH

DI Masa Jasarevic

jasarevic@holzcluster-steiermark.at

REFERENCES AND RESOURCES

HLAVNá WEBSTRáNKA

https://www.festmeter.at

PROJEKTOVá WEBSTRáNKA

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REFERENCIA PROJEKTU

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ZDROJE

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LOGO NAJLPEŠEJ PRAXE

LOGO HLAVNEJ ORGANIZáCIE

PROJEKT, V RáMCI KTORéHO BOL TENTO INFORMAčNý PREHľAD VYTVORENý

Rosewood 4.0

DáTUM ODOSLANIA

12 aug 2021

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY