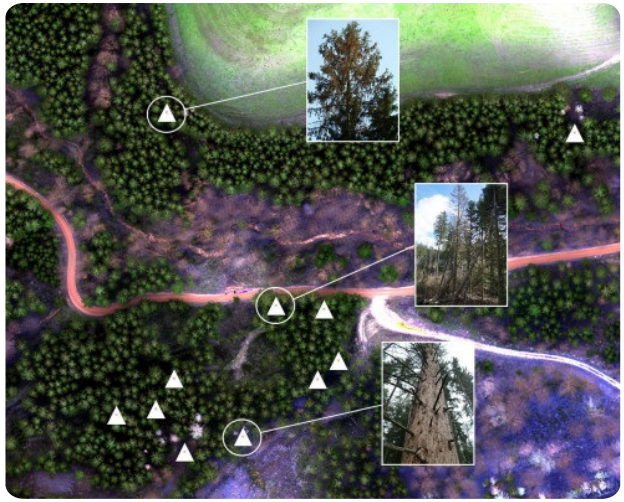
Festmeter | Bark beetle detection



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%.

Più DETTAGLI

SFIDA RISOLTA

1. Migliorare la resilienza delle foreste e l'adattamento ai cambiamenti climatici

DOMINIO

Inventario, la valutazione, il monitoraggio

TIPO DI SOLUZIONE

I sensori, apparecchi di misura

PAROLE CHIAVE

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SOLUZIONE DIGITALE

Sì

INNOVAZIONE

No

PAESE D'ORIGINE

Austria

SCALA DI APPLICAZIONE

Regionale / sub-nazionale

INIZIO E FINE ANNO

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CONTATTI

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REFERENCES AND RESOURCES

SITO PRINCIPALE

https://www.festmeter.at

SITO WEB DEL PROGETTO

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PROGETTO DI RIFERIMENTO

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RISORSE

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LOGO DELLE MIGLIORI PRATICHE

LOGO DELLA PRINCIPALE ORGANIZZAZIONE

PROGETTO NELL'AMBITO DEL QUALE QUESTA SCHEDA è STATA CREATA

Rosewood 4.0

DATA DI INSERIMENTO

12 Ago 2021

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Link to Rosewood 4.0

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY