

Tiny Bug, Major Damage

How to Combat Spruce Bark Beetle Infestations

Earlier this year, GLOBHE and Arboair collaborated to track the spruce bark beetle infestation in Swedish forests. Something that we see more and more of in the global north due to the warming climate.

The spruce bark beetles have caused massive damage across Sweden for the past few years. In 2018, The Swedish Forest Agency, Skogsstyrelsen, estimated that 3-4 million cubic meters of woodland were destroyed and has only gotten worse since then.

Luckily, we can use drone data to track the progression of destructive beetles. By utilizing GLOBHE's network of drone pilots in collaboration with Arboair's image analysis platform, we could extrapolate valuable insights for forest owners, managers, or timber buyers.

"The reason why we chose to work with GLOBHE is the flexibility, speed, and extensive geographical coverage. With Crowddroning, our customers can quickly and flexibly get the data they need when they lack access to a drone for data collection," Jacob Hjalmarsson, COO of Arboair.

Hjalmarsson points out that several skilled drone pilots in Sweden and several companies work with data collection. However, the value of GLOBHE is the comprehensive geographical coverage and flexibility.

"At one point, the pilot had problems due to flying in a restricted area. GLOBHE solved this easily through a good dialogue with the proper authorities and was able to deliver good quality data right on time," emphasizes Hjalmarsson.



Maintaining the welfare of the world's forests is vital for the survival of the human race and all flora and fauna co-existing on this earth. Arboair aims to restore the forest to what it once was with continued high production and profitability for forest owners.

"Together with Globhe, we were able to deliver valuable information about where the spruce bark beetle infestations were in the forest to enable the right decision at the right time!" Hjalmarsson says.

