

EO services contributing to SDGs

Pest and Disease Monitoring for Horticulture



- User: Horticulturalists
- Challenge/Needs: Inefficient horticultural practices coupled with aggressive plagues and diseases can cause a decrease in the yield of up to 40%. Need to monitor land use and land cover change on land ecosystems
- Initiative: Space4Fauna mobile application capable of predicting/detecting plagues and diseases. Moisture, greenness, humidity, and temperature of crops are monitored using satellite imagery and are used to determine and map the risk of a plague or disease outbreaks.
- Results: Farmers can monitor the state of their crops and as a result, take action accordingly.
- Service Provider: Space4Good (Fauna + Parsec)

Target 15.1: By 2020, ensure the conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services, in particular forests, wetlands, mountains and drylands, in line with obligations under international agreements.



Web portal: <https://s4f.space4good.com/>