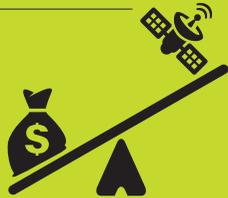


# SEND IN THE DRONES



## HOW DRONES ARE HELPING ENVIRONMENTAL RISK RESEARCHERS

Here are some ways drone technologies are contributing to environmental property due diligence and investigation.



### Lower Than Satellites (in both cost and altitude)

Satellites and manned aircraft can be prohibitively expensive. Drones often cost much less!



### See Risk in 3D

When you need topographic spatial analysis, drones can gather insight in three dimensions, not just two!

### Up in the Air... and Up to DATE



Drones let you collect real-time, first-hand information you can rely on, because you know the source, and that it's current.

### Extrasensory (more than meets the eye)

New drone sensors are being developed with innovative applications, like multispectral or even thermal data. When specialized work is needed, gas sensors, magnetometers, and other types of add-ons can be used.



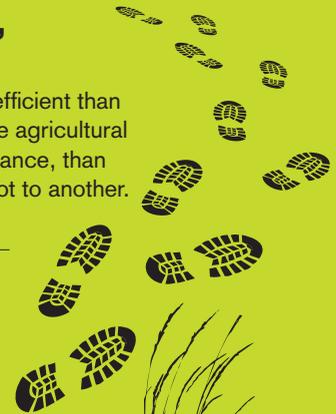
### A Mosaic of Detailed Information

Mapping missions can compile up-to-date orthomosaic (scale-adjusted) information, or even a point cloud that can be processed using photogrammetry.



### Tracking Information, Not Dirt

Drones are typically not just more efficient than walking properties, but in cases like agricultural areas, they're less invasive, for instance, than boots dragging weeds from one plot to another.



### Nothing Out of Reach

Drones are excellent for acquiring imagery or measurements over locations that are hazardous or hard to reach on foot.

This infographic is based on a Podcast/interview with Kevin Grover, UAS Operations Manager at Stantec Consulting Ltd. on October 10, 2019. ERIS thanks him for his time, expertise and contribution.

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