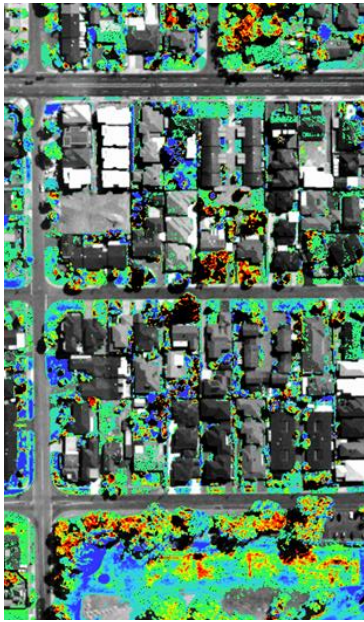
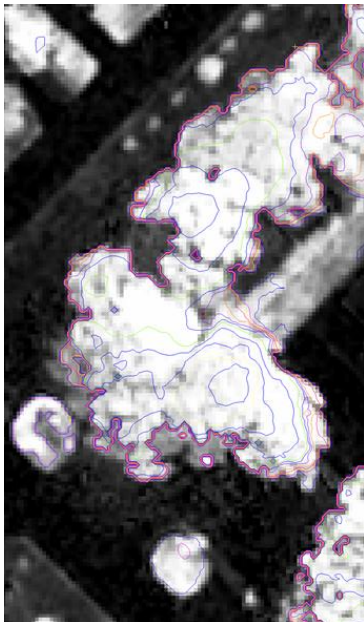


Multispectral Imaging for Urban Environmental Monitoring



Vegetation health map.
Blue shows poor health; red shows good health. Non-vegetation is shown in grey.



Canopy height map.
Canopy height contours show how much canopy cover (in sq metres) there is at different heights above ground.

What is multispectral imaging?

- A powerful tool for understanding urban vegetation
- Four bands of data: red, green, blue, near infrared
- Acquired by a small manned aircraft
- Delivered in ready-to-use GIS format

What can it be used for?

- Calculating areas of urban green space
- Measurement of tree canopy area
- Monitoring changes in vegetation cover
- Health monitoring of significant trees
- Detection of illegal tree felling

Advantages of multispectral imaging:

- Accurate, repeatable measurements
- More cost-effective than ground-based surveys
- Reduce risk for employees (fewer workers on the streets)

Who is "Remote Sensing Australia"?

- A business unit of Spatial Scientific Pty. Ltd.
- Over 10 years experience in aerial imaging and remote sensing
- Regularly works with local, state and federal government, the mining sector, environmental consultancies etc.

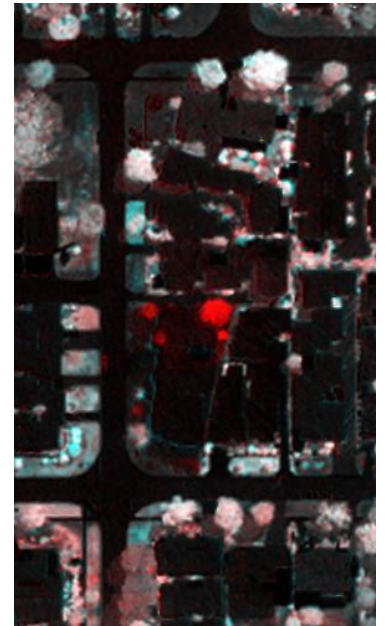
What next?

- Call us to discuss your needs
- Send us a shape file or kml file so that we can give you a quote
- Browse our website for more information

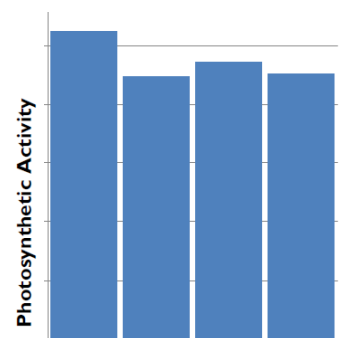
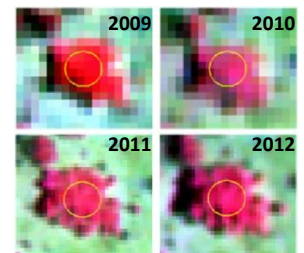
Finally, do I need to be a GIS expert?

- No! We can provide data in a range of formats, as well as written reports derived from the image data.

Remote Sensing Australia is a business unit of Spatial Scientific Pty. Ltd.



Vegetation gain and loss.
Each individual tree and shrub that has been removed, or has died, is highlighted in red.



Individual tree monitoring.
Trees of significant interest can be monitored over time, and changes in their health can be quantitatively measured.