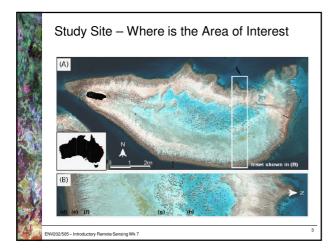
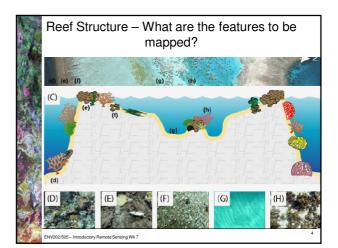


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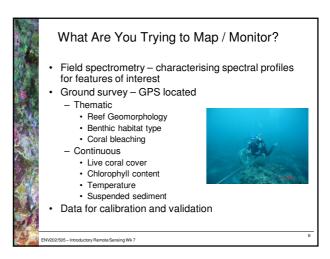
## **Revision / Discussion Questions**

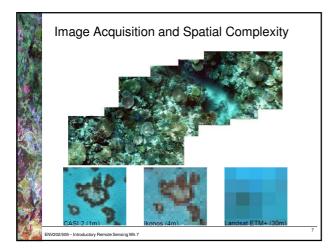
- Discuss the trade offs that exist between different sensor imaging dimensions
- Discuss the controlling factors of spectral reflectance and absorption in vegetation
- Discuss the controlling factors of spectral reflectance and absorption in marine environments
- What aspects of volcanic eruptions could be monitored using remote sensing
- What are the benefits of remote sensing
- Compare the different types of applications that are appropriate for the following sensors based on their spatial, spectral, and temporal dimensions: Worldview2, Landsat, Hyperion, MODIS
- What are the image interpretation cues give an example for each
- Discuss the different characteristics of active and passive sensors, and the types of applications that are associated with them
- Discuss the difference between GIS and remote sensing
- What is the electromagnetic spectrum? Discuss its role in remote sensing and earth observation
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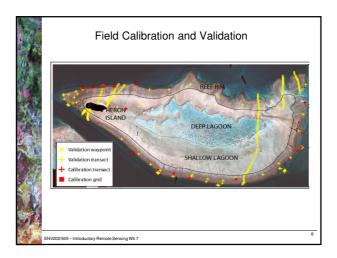


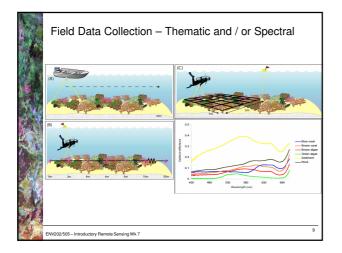


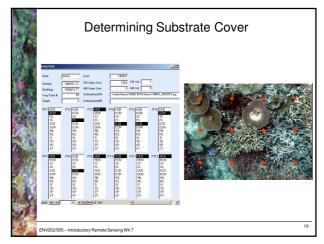
Spatial Complexity – What are the scales of interest:

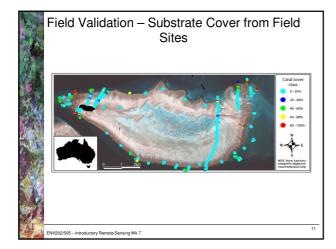


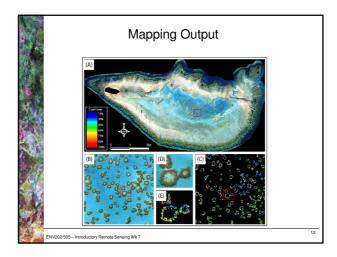












## Your Job

- Revisit your Scoopit page and consider your application topic.
  Refine this to become a little more specific. E.g instead of 'Coral
- reef monitoring' try 'mapping coral reef benthic habitats' • Revise your scoops, delete, add more... Don't forget to write
- your insightWhat sorts of products are generated to answer your application
- questionWhat sort of field data is required to support or answer the question
- What equipment is used?
- How are the data collected?

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· Answer these questions as part of your insight

	Your Job				
Y	Scoop	Product	Field Data	Equipment	Technique
	Karen's Coral example	Continuous map of live coral cover	Categorical estimates	Dive gear, boat; camera, measuring tapes	Transects, grids, photo estimates

