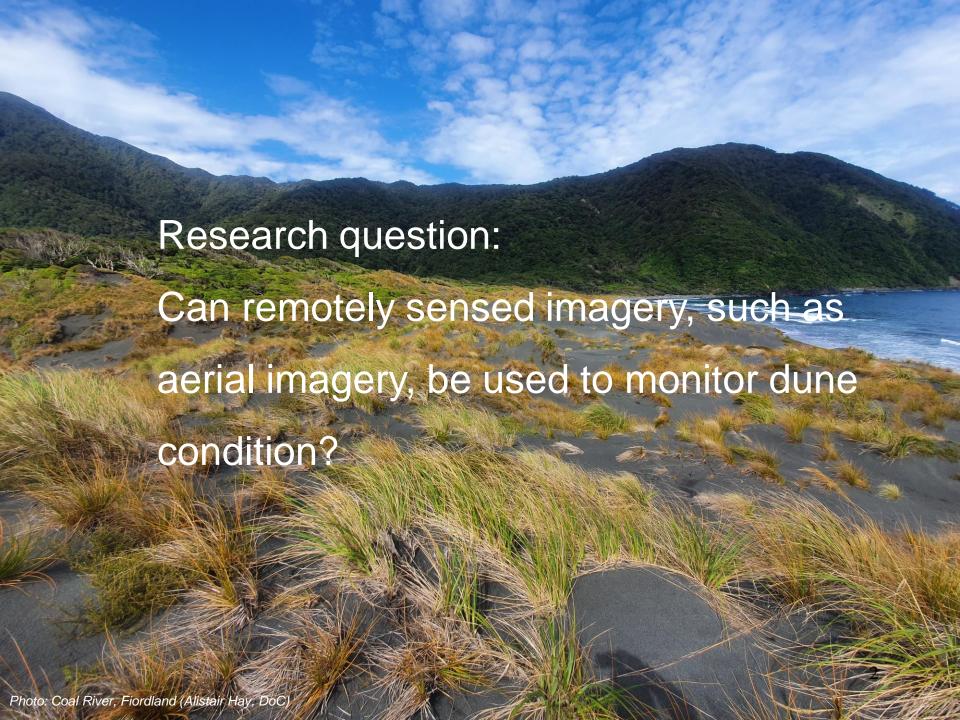
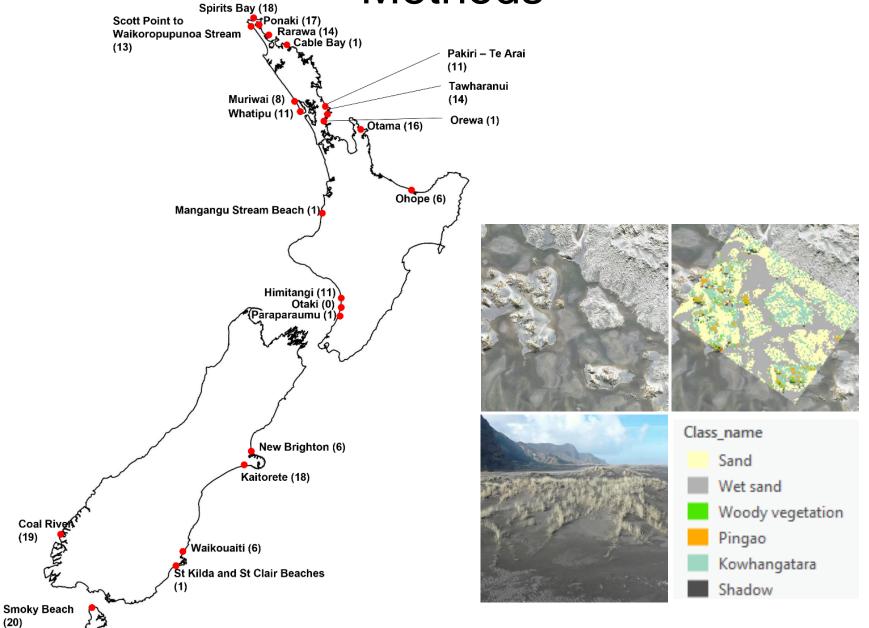


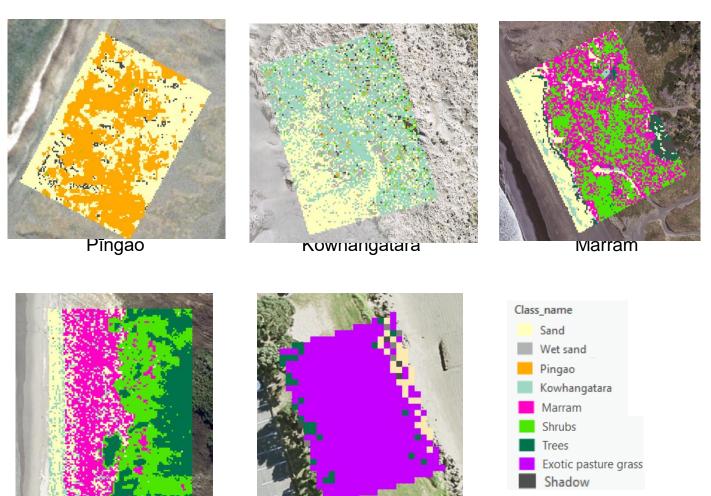
Photo: Whatipu, Auckland (Graham Hinchliffe)



Methods



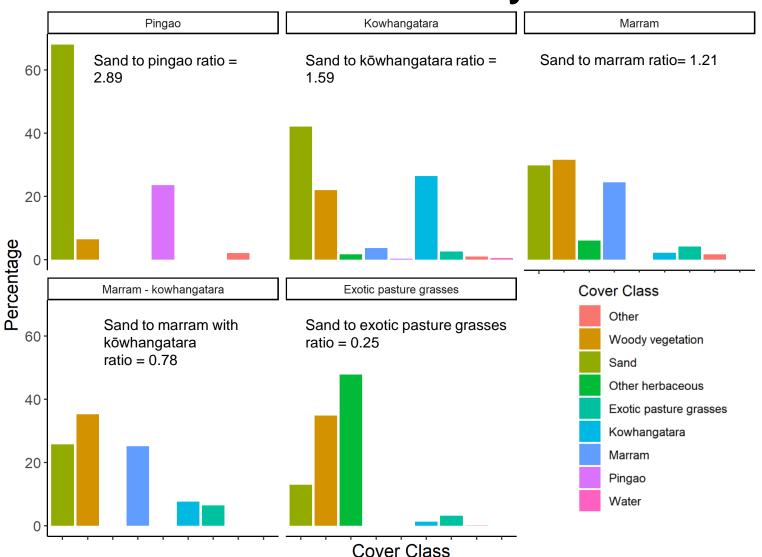
Characterising vegetation patterns



Marram with kōwhangatara Exotic pasture grasses with other exotic herbaceous species

Five dominant foredune classes

Foredunes in native vegetation are more sandy



Summary

- Remote sensing methods are useful for monitoring dune vegetation
- They provides information at large spatial scale about dune condition
- Future applications: Monitor temporal dynamics on dunes, e.g., ecological restoration, natural disturbance