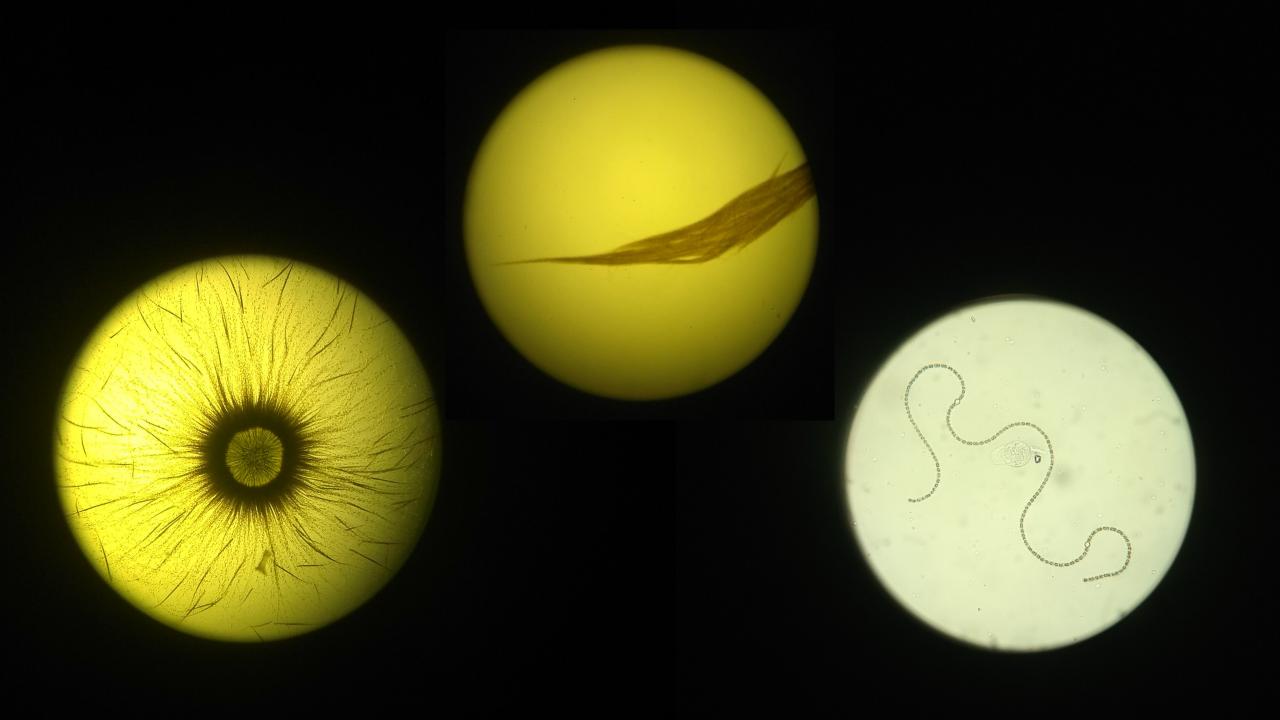


Quality over quantity? – monitoring algal blooms from space at Airthrey loch

Daniel Atton Beckmann

Supervised by: Ian Jones, Evangelos Spyrakos, Peter Hunter

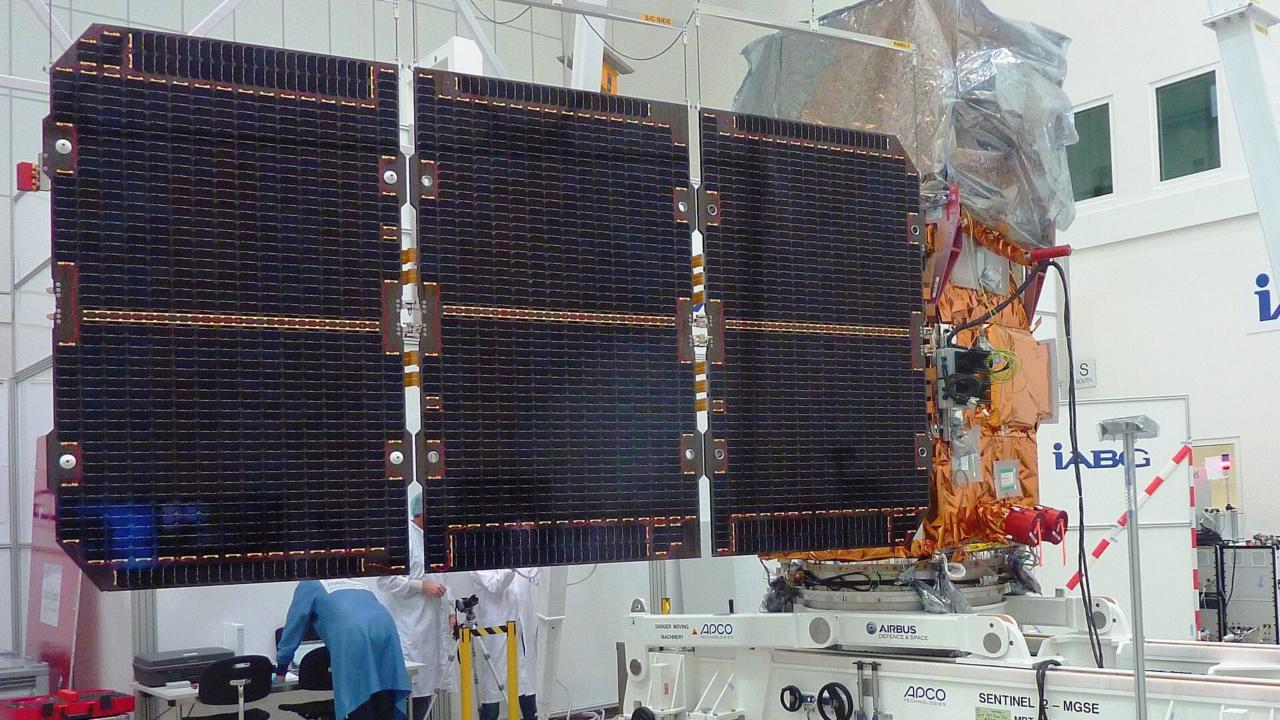
Funding: Hydronation Scholarship programme

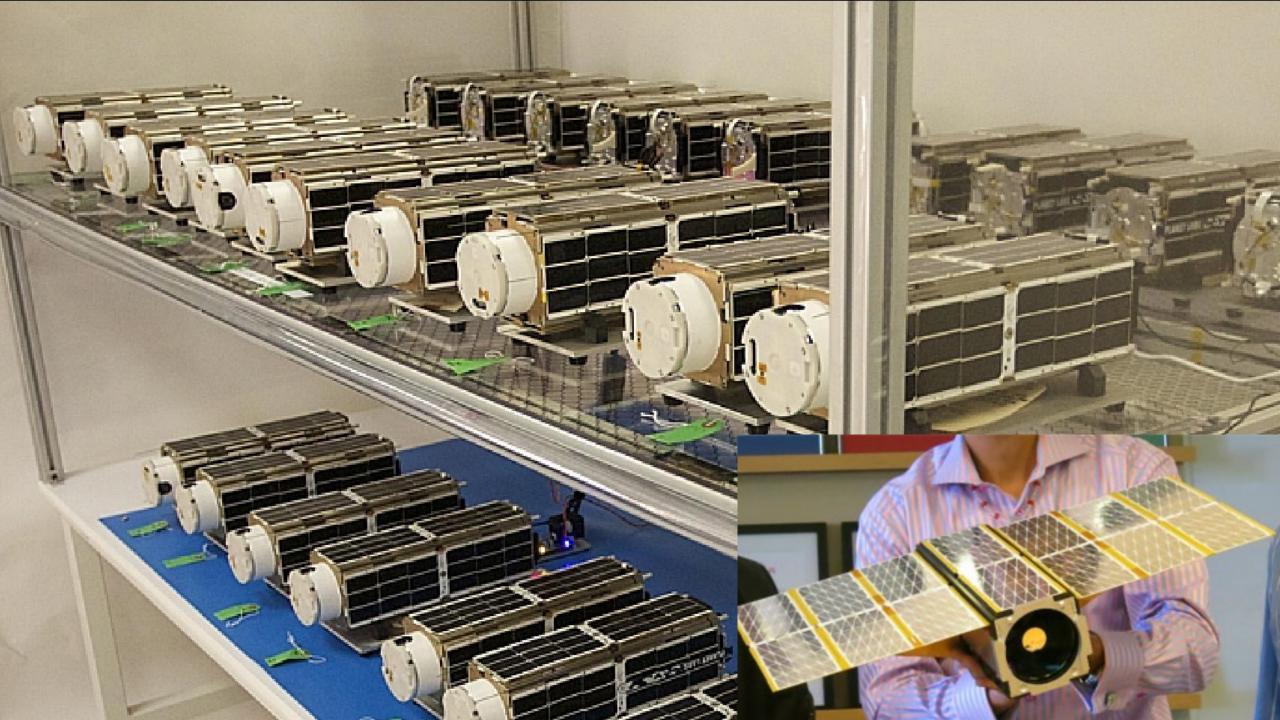








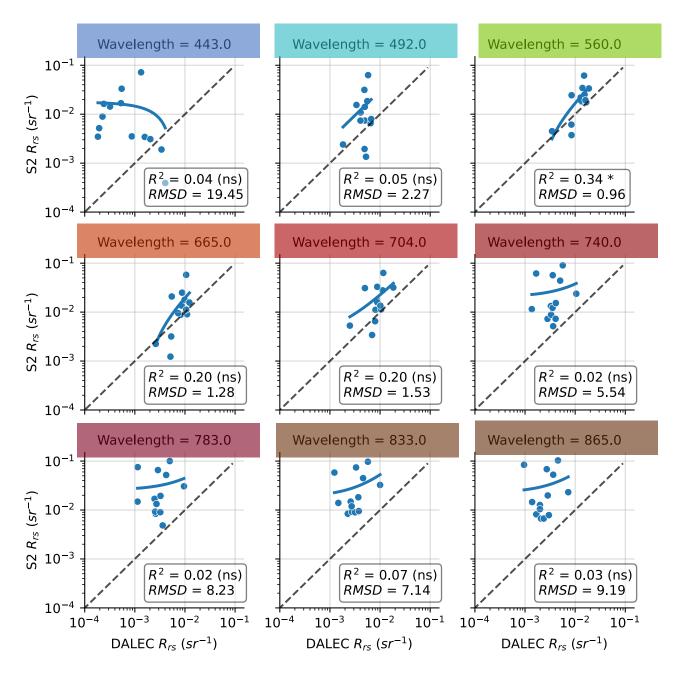






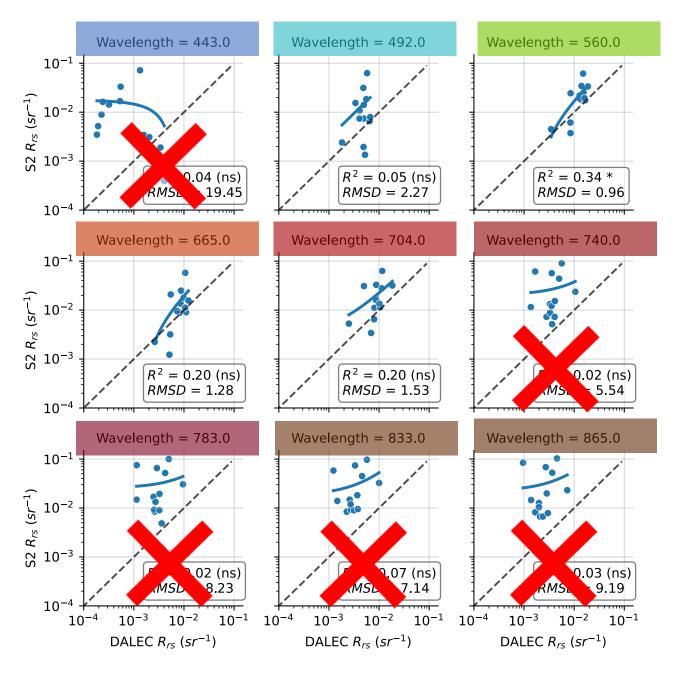
How well does Sentinel-2 capture Airthrey Loch? (using Acolite atmospheric correction)





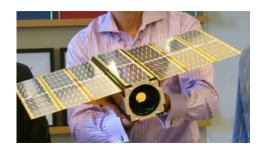
How well does Sentinel-2 capture Airthrey Loch? (using Acolite atmospheric correction)

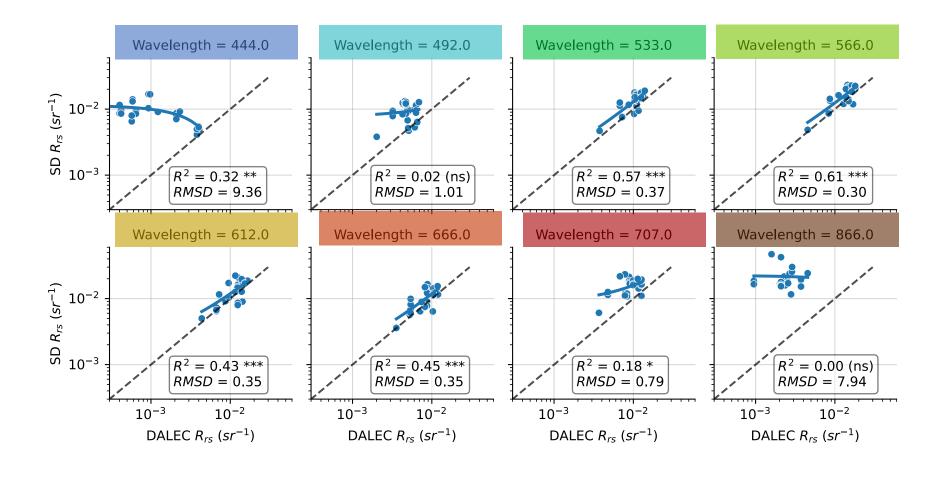




How well do SuperDoves capture Airthrey Loch?

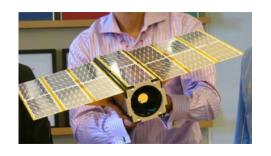
(using Acolite atmospheric correction)

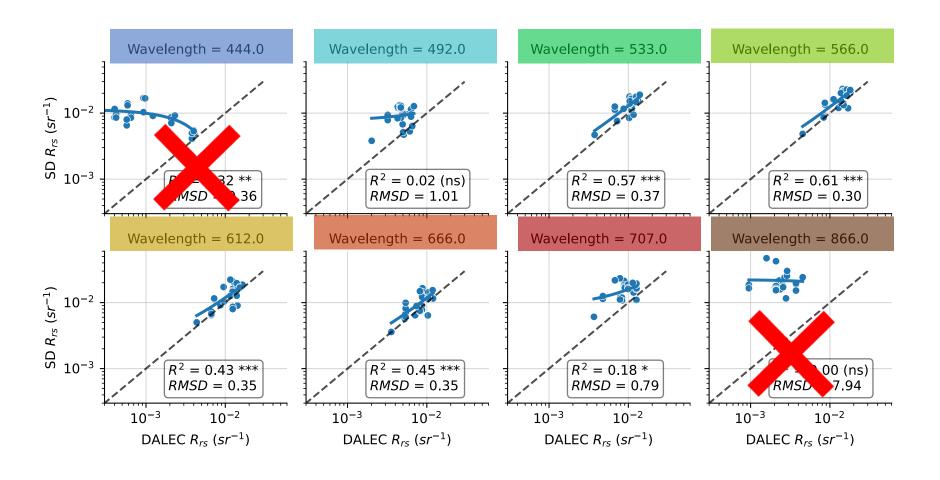




How well do SuperDoves capture Airthrey Loch?

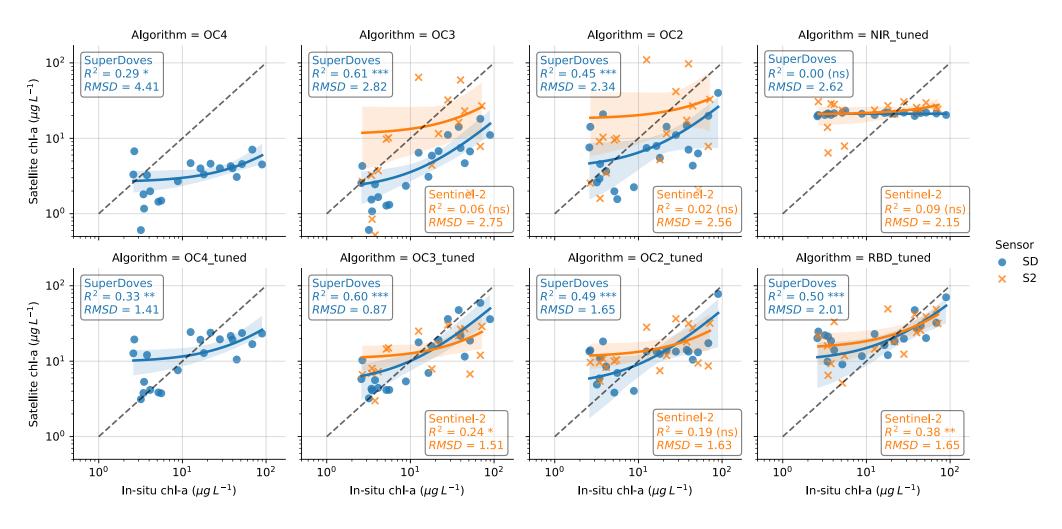
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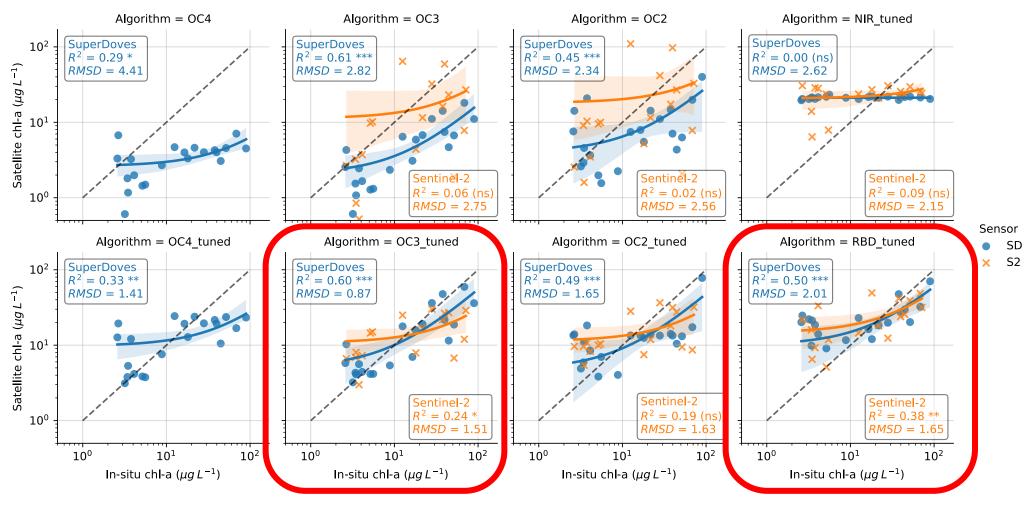




Detecting Chlorophyll-a

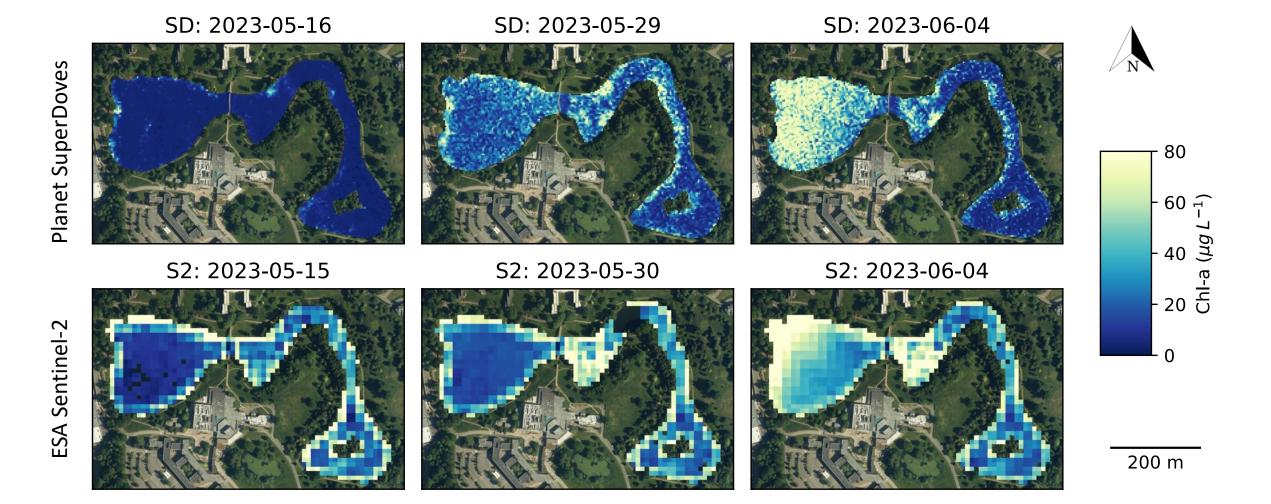


Detecting Chlorophyll-a



OC3 best for Planet Superdoves

RBD best for Sentinel-2





Problem Solved?

