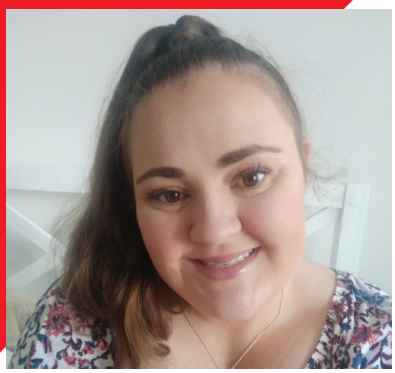

Jordan Holdorf

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Summary

Climate change and limiting its effects has been a central point of discussion have encouraged the need for modelling and optimising actions that are linked to climate change. Restoration projects are therefore becoming a major point of interest, hence the increase in the need to optimise them to result in the largest climate impact at specific location and/or over multiple locations and/or over multiple stages and years. One such area of interest is Carbon markets and the use of sustainable finance to fund restoration projects. This therefore calls for a need for finance-based optimisation modelling for ecological projects. The aim of my PhD research is to investigate financial modelling for solving ecological problems linked with the uncertainty of climate change and what problems / questions different methods are best suited to optimise.

Research Expertise

- Process based mathematical modelling
- Optimisation modelling
- Coastal ecosystem modelling