Chapter 3: Dynamical Systems and Generalised Modelling

Mathematical framework, Bifurcation theory, Generalised Modelling

Chapter 4: Mangrove Ecosystem Dynamics

Generalised mangroves model, Description of processes

Chapter 6: Discussion and Conclusion

Summary, Implications, Further Work

Chapter 5: Results

Sensitivity analysis, Bifurcation surfaces, Interpretation of results

Chapter 1: Introduction

Project outline and research questions

Chapter 2: Background

Complexity Theory, Earth System Science & Regime Shifts