

Chapter 2

Chapter 3

- Salinity experiments are underrepresented
- Biases across climate change scenarios
- Limitations found in experimental treatment regimens, & the approach to pre-treatment adjustment methods
- NNS more positive responses than natives under climate change experiments
- Overall freshening has a greater negative influence than temperature

- Higher variability in community composition at site with **Chapter 4** stable saline conditions
 - Native solitary ascidians dominated settlement panels
 - Freshening and warming facilitated NNS over natives
- Seasonality & climatic variables interacted with life Chapter history to drive populations
- Dominant native and NNS coexist with complementarity
- Ecological succession is dictated by variability of pioneering species and their recruits