

How does correcting temporal mismatches in a California kelp forest social-ecological system affect adaptive capacity?



Mei Z. Blundell (mzblundell@ucdavis.edu) and Marissa L. Baskett, University of California, Davis, CA, USA

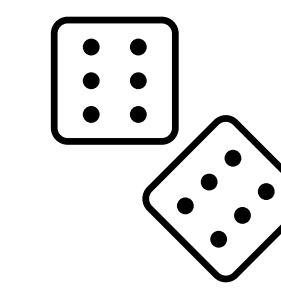
Temporal Mismatches

- Desired rate of restoration is faster than rate of ecological response allows
- Desired rate of restoration is faster than rate of permit approval allows
- Desired rate of restoration is faster than rate of funding for research & development of restoration methods allows

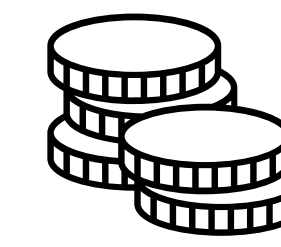
Social Interventions



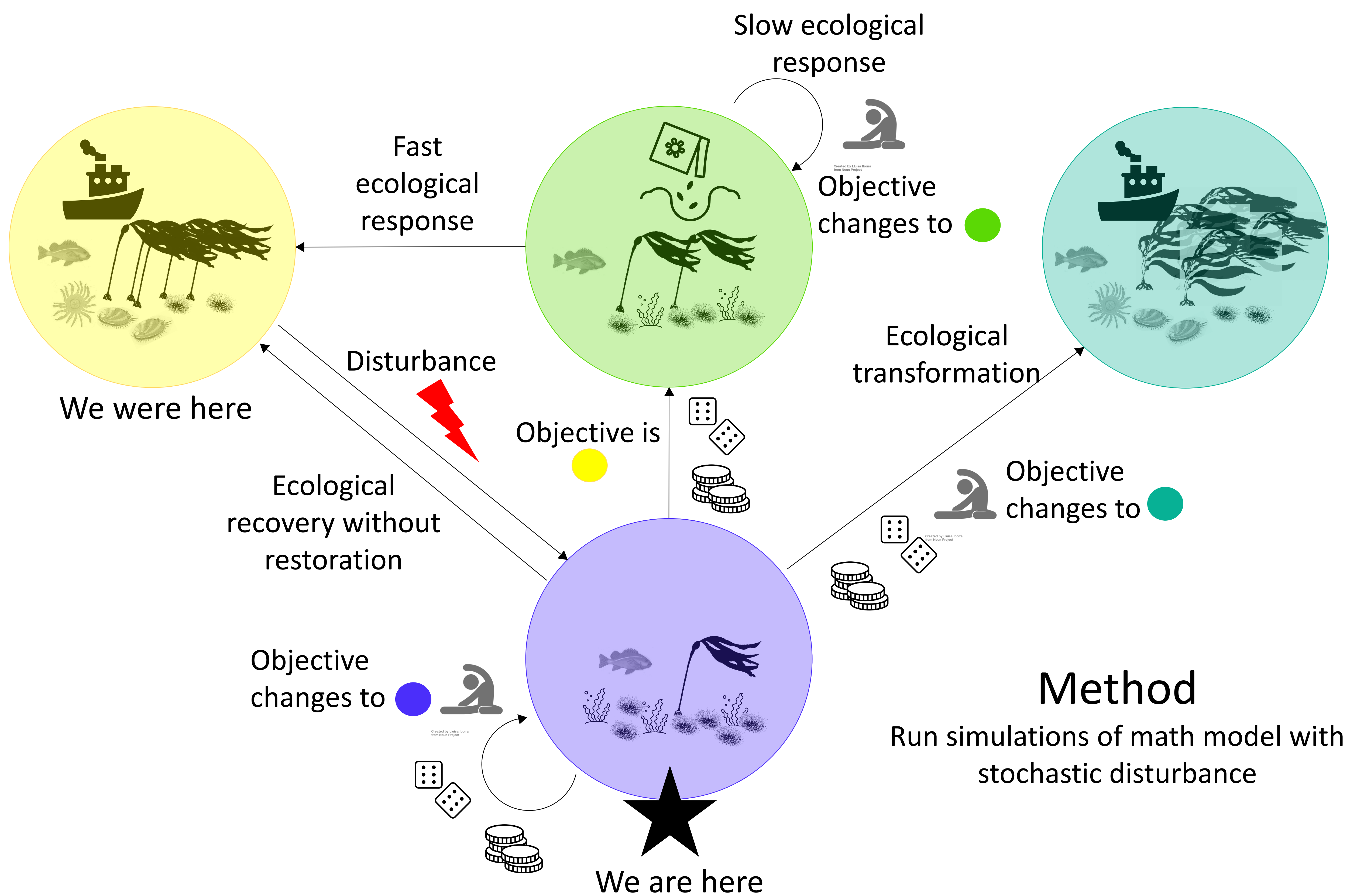
Flexibility: adjust restoration objective



Riskiness: adjust rate of permit approval



Funding Capacity: adjust rate of funding allocated to research and development of restoration methods



Adaptive Outcomes

Ecological resilience: How often return to ●? How long does it take? How much disturbance?

Resist: How often was ● the objective and actively pursued?

Accept: How often was ●, ●, or ● the objective and **not** actively pursued?

Direct: How often was ●, ●, or ● the objective and actively pursued?

Talk to me!

mzblundell@ucdavis.edu

- How would you approach this question?
- Other outcomes of interest?
- Resilience / adaptation in your work?
- Interacting timescales and temporal mismatch in your work?
- Modelling?

Funding

NSF GRFP (Award # 2036201) to MZB, Sustainable Oceans NSF Research Traineeship (Award # 1734999) to MZB, NSF DISES (Award # 2108002) to MLB.

Acknowledgements

Special thanks to Mary Fisher, Tyler Scott, Carrie Pomeroy, and members of the Baskett Lab, Provost Lab, and Kelp RISES collaboration. Background photo by Ralph Pace.

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