



# Sarah Engelhard

MSc, BA

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## Summary

During my PhD research I studied connections in marine landscapes, also called seascapes. I am interested in spatial connectivity and in questions such as “How can we estimate the importance of connections in a landscape?” and “How can we measure the relationship between connectivity and ecosystem functioning?” In my research I estimated the importance of connections between reefs for fish movement in Moreton Bay, Australia. I conducted laboratory experiments to examine the relation between connectivity for herbivores and the process of grazing, and to examine the effect of complementary connections on this process. The larger context of my research on connectivity is incorporation of connectivity in marine spatial planning to improve conservation.

## Research Expertise

- Marine spatial connectivity, models and experiments
- Importance of herbivory in marine ecosystems