



Jess Fairlie

Ph.D. Student in Civil and Environmental Engineering, admitted Winter 2026

Bio

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Jess Fairlie is a PhD student in the Baker lab, studying cross-shore sediment transport under infragravity waves. Jess completed her BS in Environmental Systems Engineering in 2024, and her MS in Environmental Engineering in 2025, both at Stanford University. Beyond her academic passion for waves, Jess loves everything related to the ocean, from surfing to tidepooling to SCUBA diving. In her free time she can be found enjoying the waves, rock climbing, and knitting.