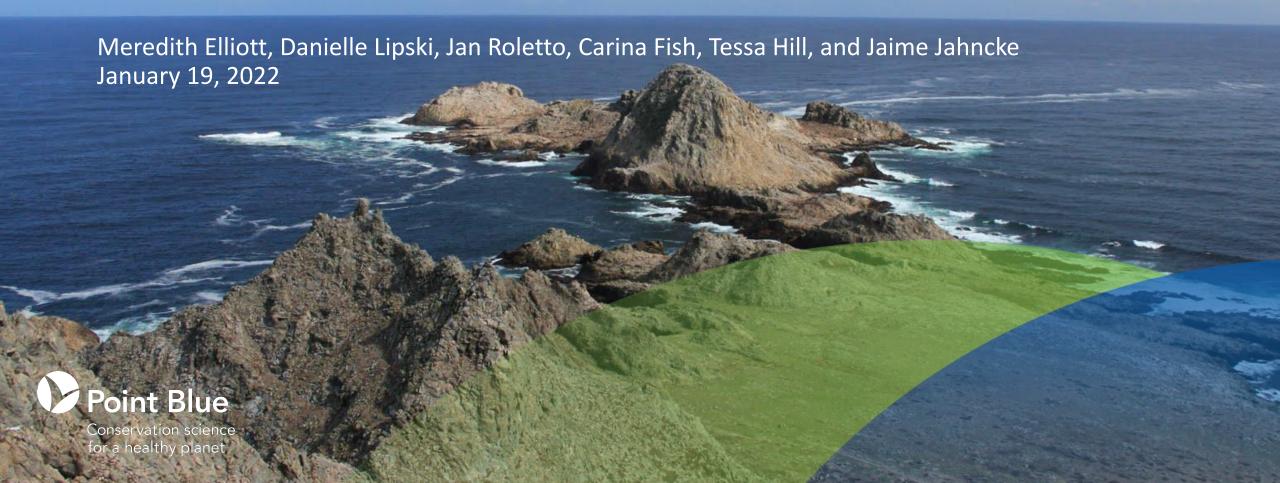
Tracking ocean acidification in north central California



ACCESS

Conducts research that supports wildlife conservation and healthy marine ecosystems to inform management in north-central CA

Founders:







Partners:































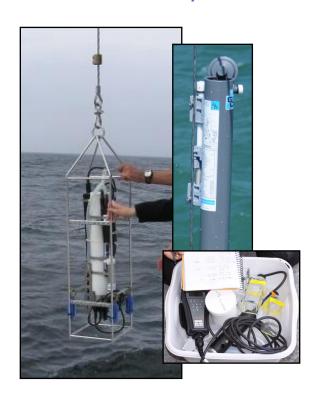


ACCESS research takes ecosystem approach

- Water physical and chemical properties (Oceanography: CTD, OA, nutrients)
- Zooplankton and fish composition, abundance and distribution (nets, acoustics)
- Whale and seabird abundance and distribution (strip and line transects)





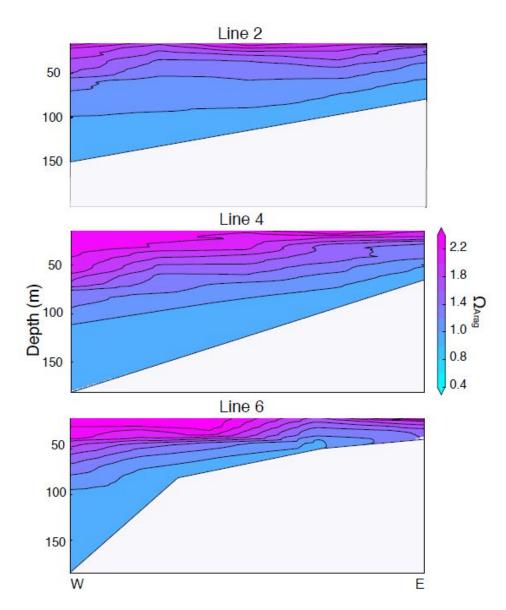


Tracking ocean acidification

Calculating aragonite saturation from commonly measured variables (T, S, DO)



Collaboration with Dr. Tessa Hill at UC Davis

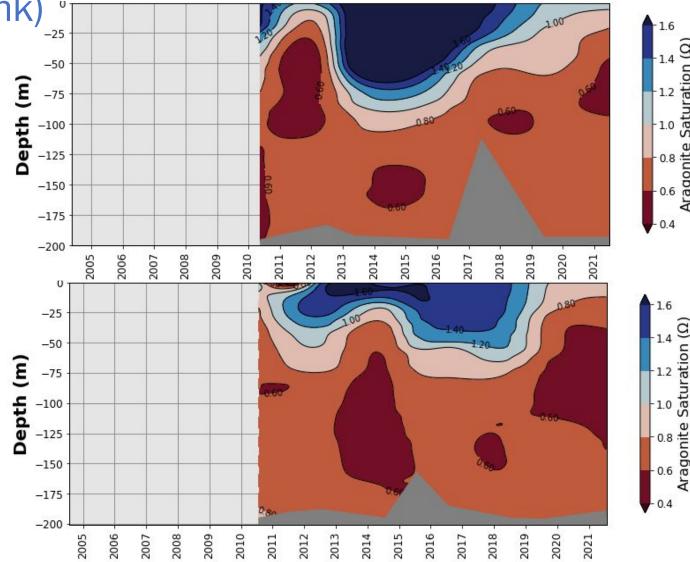


Aragonite saturation through time

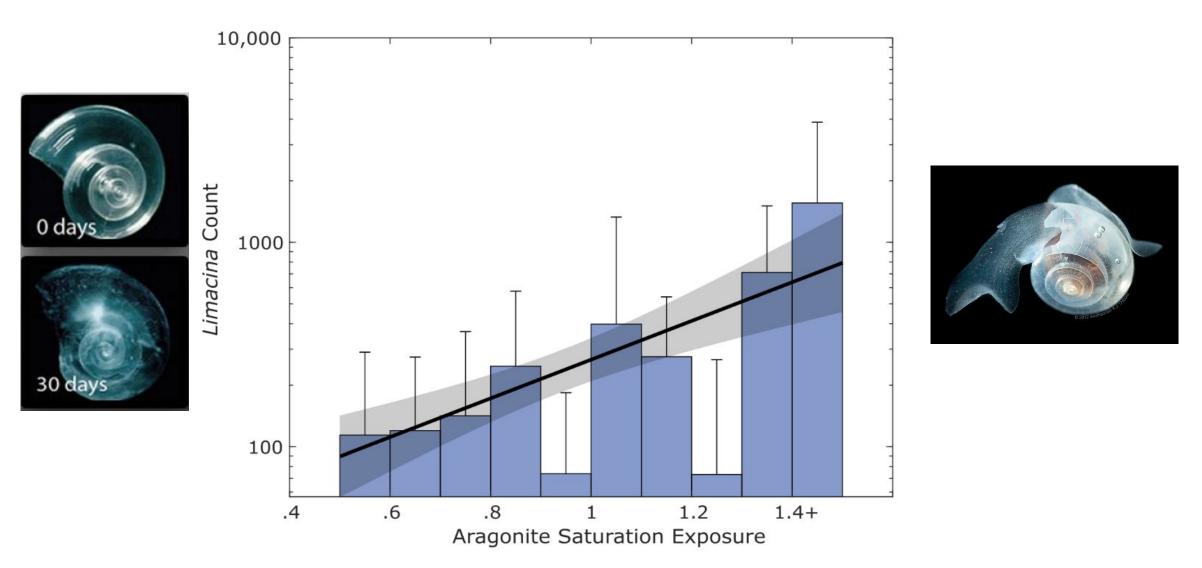
Station 2-W (Cordell Bank)

Spring cruises (Apr/May)

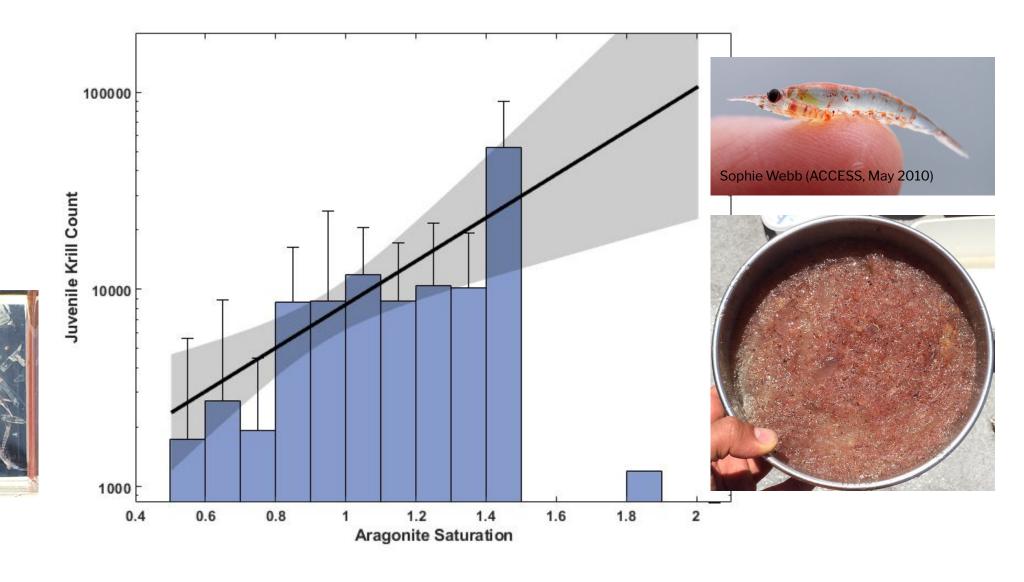
Summer cruises (Jun/Jul)



Acidic waters in the GOF have fewer pteropods



Acidic waters in the GOF have fewer juvenile krill



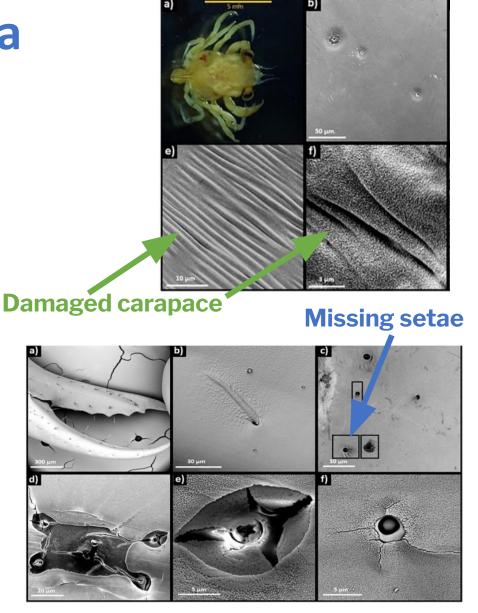
OAH monitoring in California

Pteropod and crab specimens

Shell/exoskeleton thickness and evidence of damage







Damaged neutritic canals

Pteropods, krill, and crabs are important for the food web, the ecosystem, and the local economy









