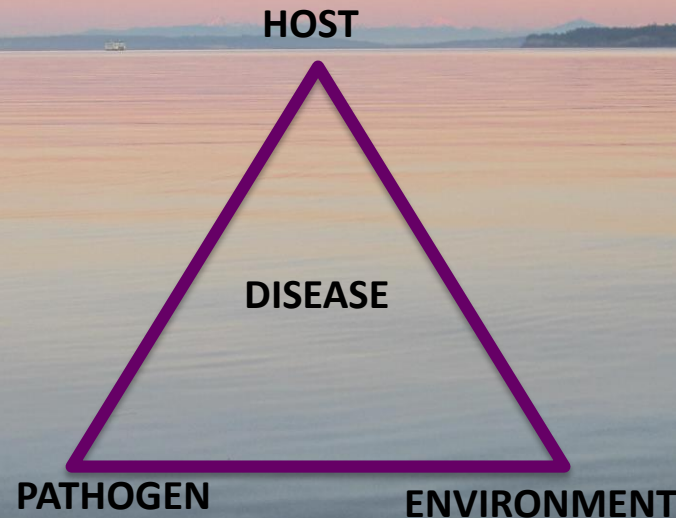


## Host-pathogen interactions in a changing ocean

- Biomarkers for resistance
- Immune response



- Diagnostics
- Spread

- Disease drivers
- Climate change impacts

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# Marine host-pathogen systems & geography

- Unknowns with baseline, spread & transmission in the marine environment
  - Oyster pathogens: local or global distribution of pathogens (not ubiquitous)
  - Sea star wasting disease (virus): wide coastal geographic range on the US West Coast; East Coast less known
- Opportunistic pathogens: omni-present
  - Eelgrass
  - Corals