

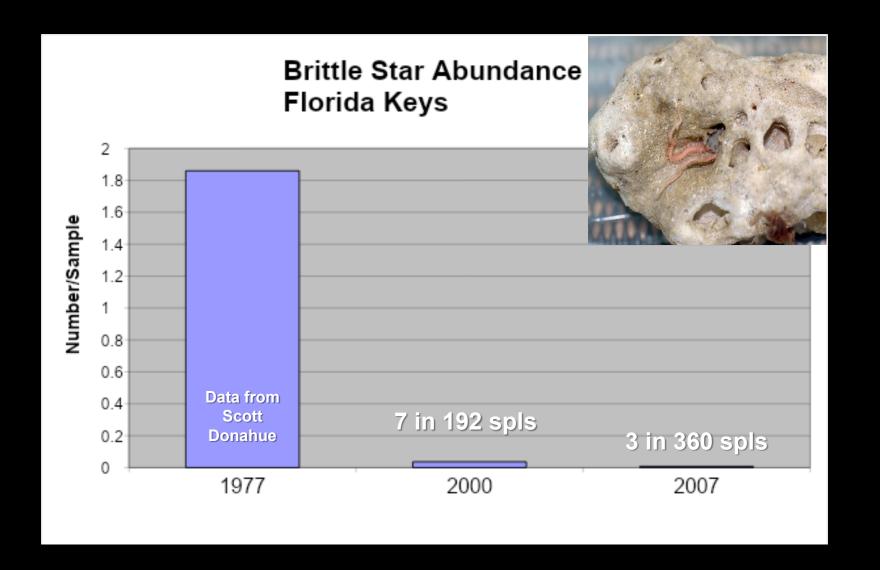
Modified from Mumby et al., 2014



Nature Take the Wheel









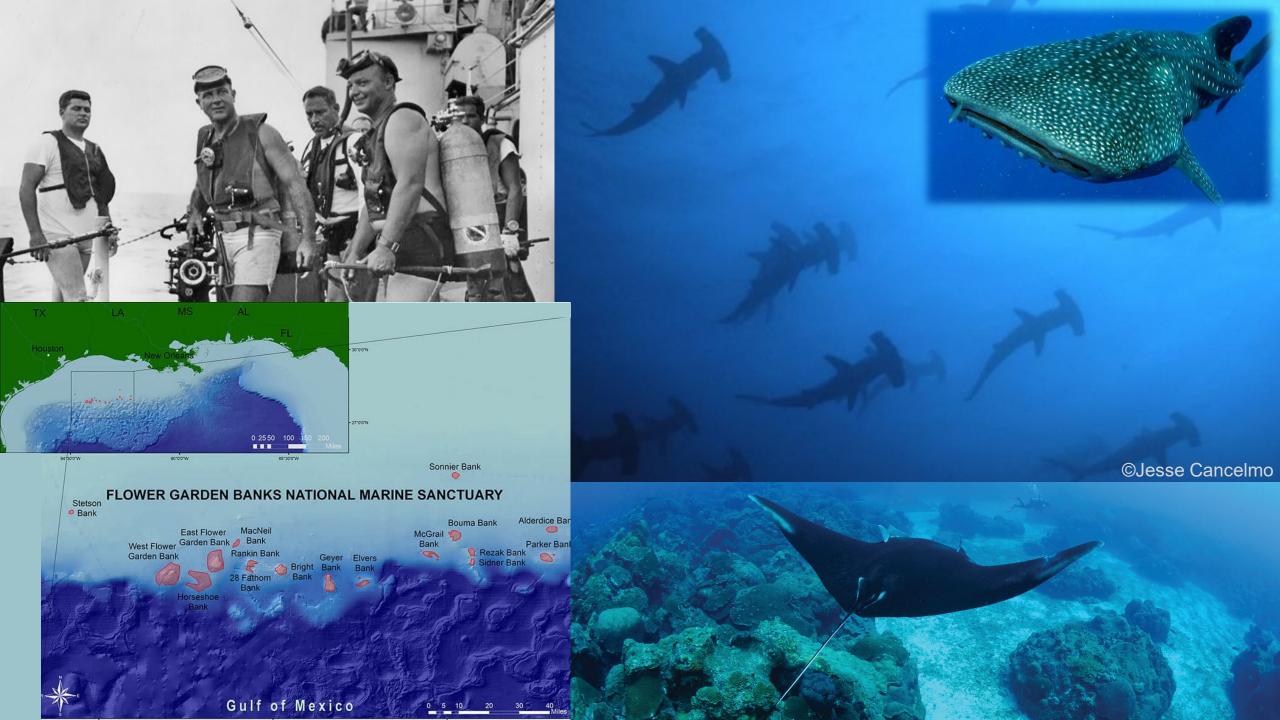


Jackson et al., 2012







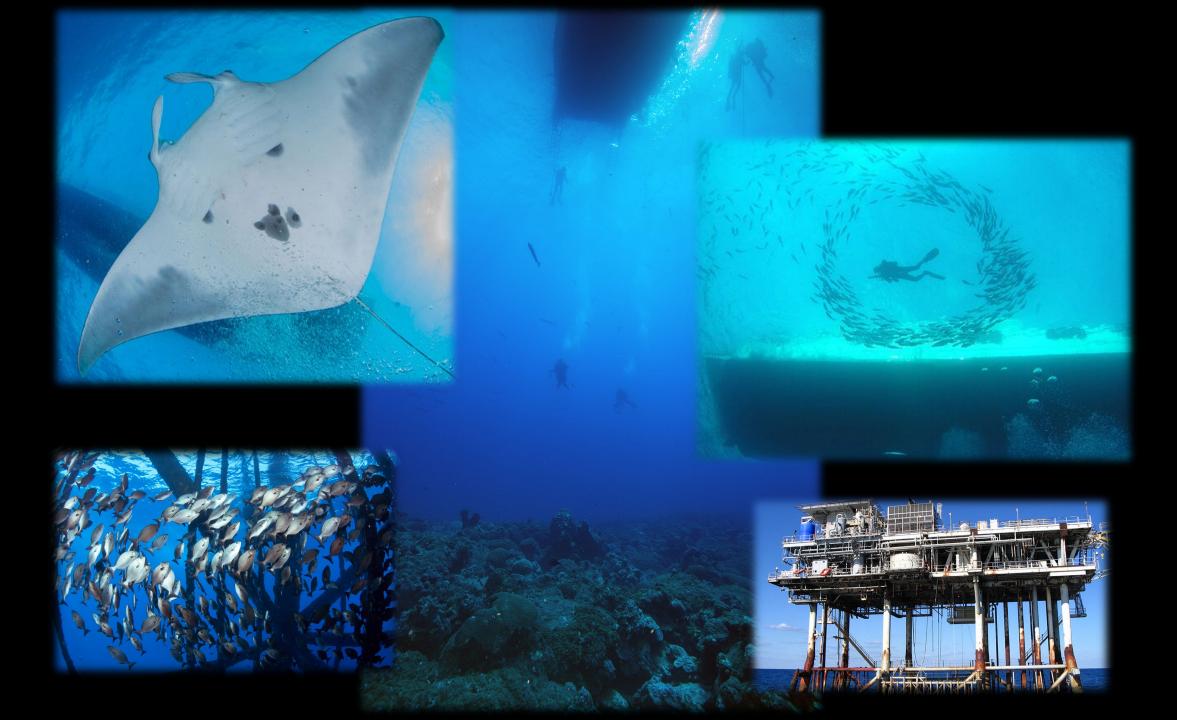








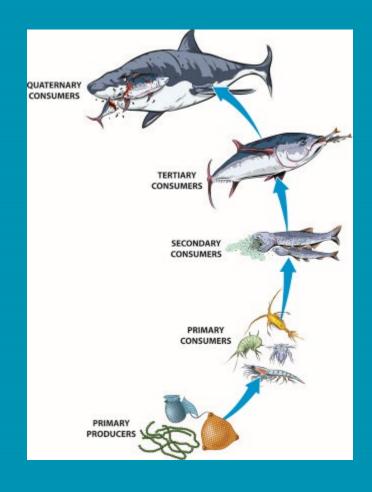




What We've Learned

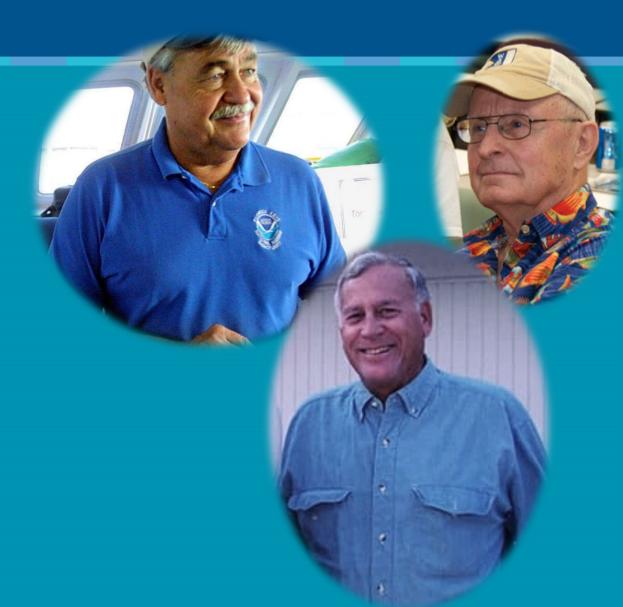
Science Says...

- Fish as ecosystem drivers
- Natural sounds enhance recruitment
- Reduce runoff and pollution
- Natural shorelines as barriers

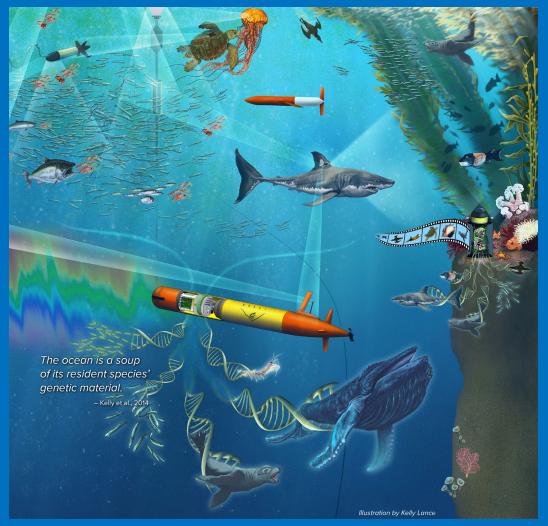


Experience

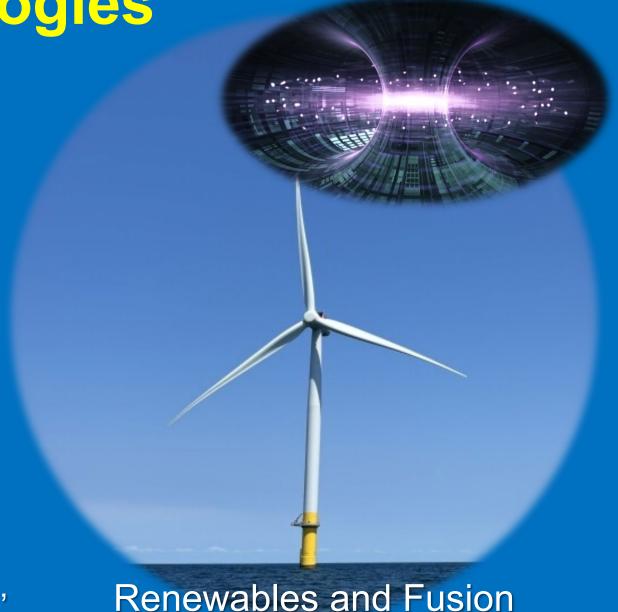
- ✓ Visionaries, management, MPAs, restoration, legal tools
- ✓ Silence won't save us
- ✓ Division fuels conflict (climate, vaccines, restoration)



Technologies



Genomics, satellites, autonomous platforms, AI, modeling, citizen surveillance

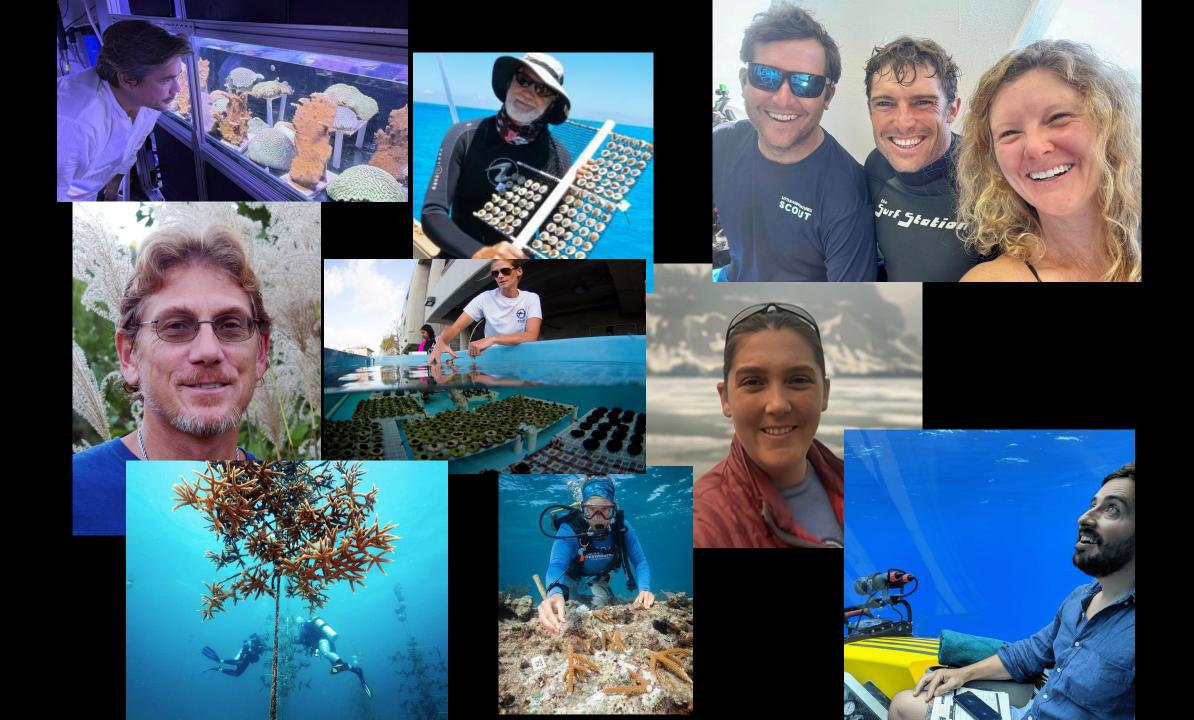


Resilience & Efficiency



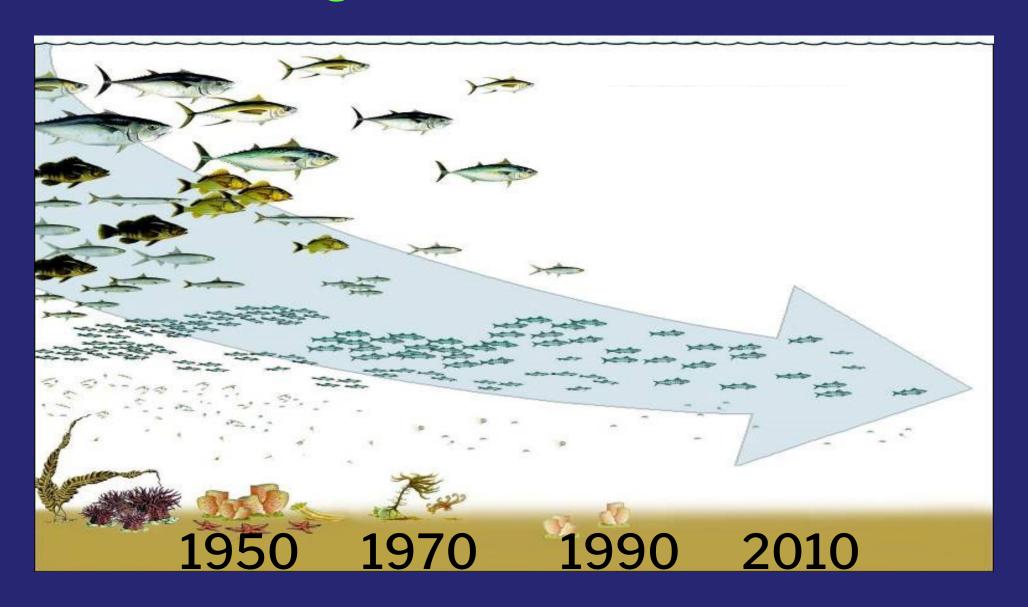
We're All In This Together



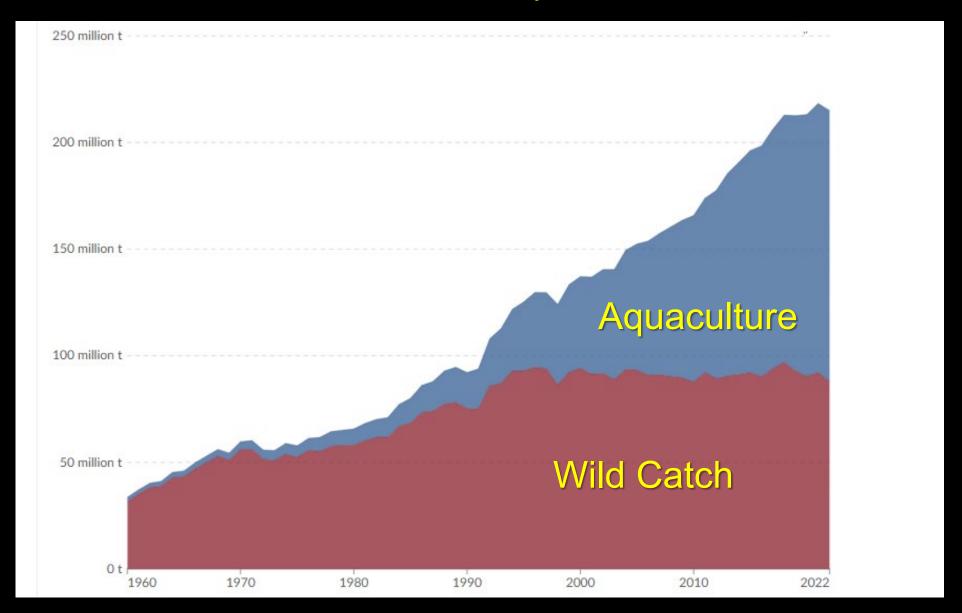




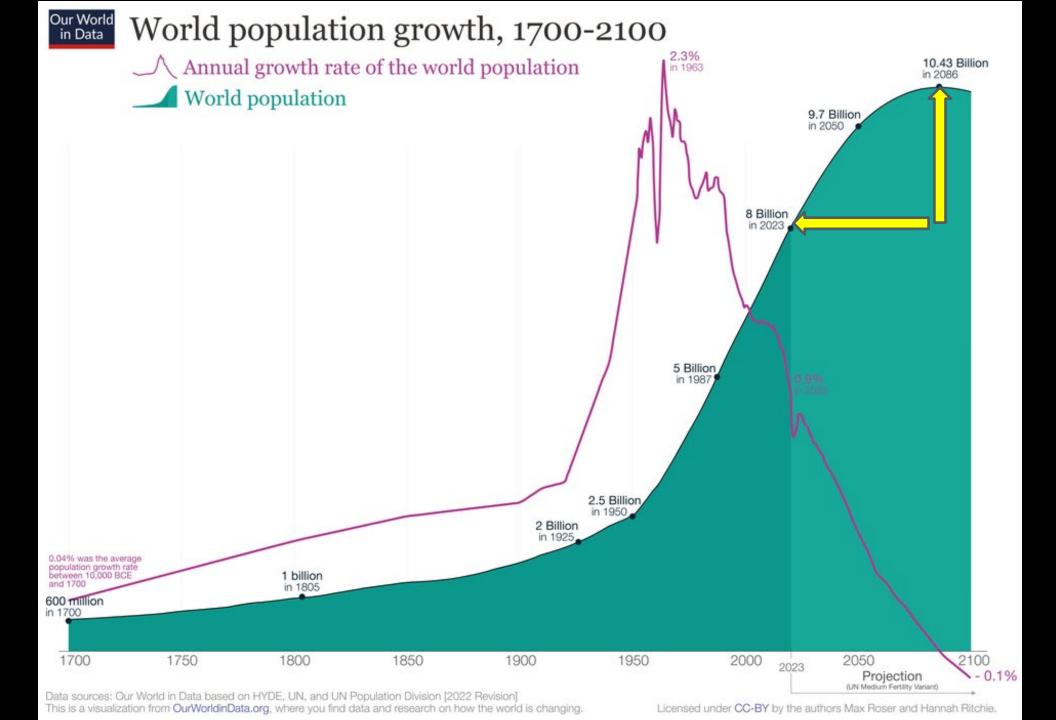
Fishing Down the Food Web



The Growth of Aquaculture



Source: Food and Agriculture Organization of the United Nations (FAO), via World Bank (2025)



Why Aquaculture?

