

Saving the World's Coral Reefs

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But they are in trouble

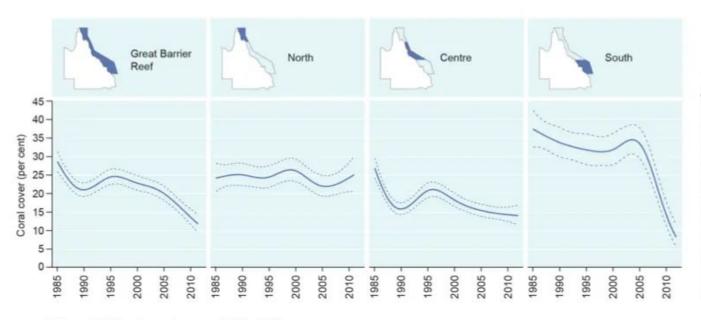
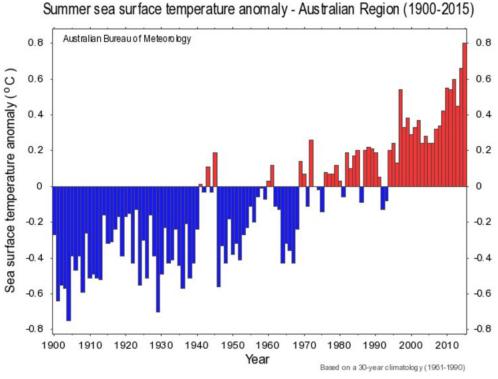


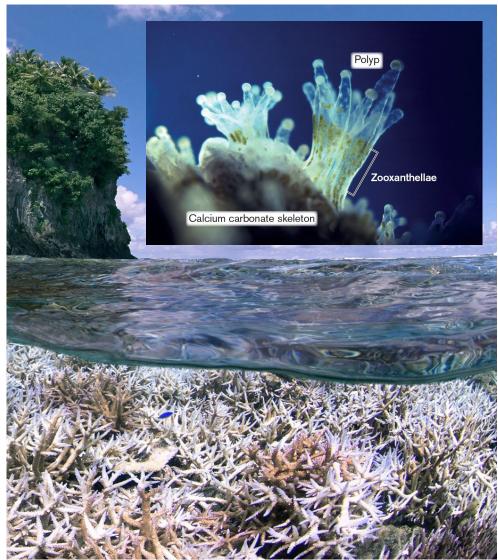
Figure 2.5 Hard coral cover, 1986-2012

The solid line represents modelled coral cover based on the analysis of data collected from 214 reefs across the Region; while the dashed lines either side represent the associated standard errors. Average hard coral cover in the Region has declined significantly since monitoring began in 1986. Declines have been most severe in the south. Source: De'ath et al. 2012.













Dec 2014 Feb 2015









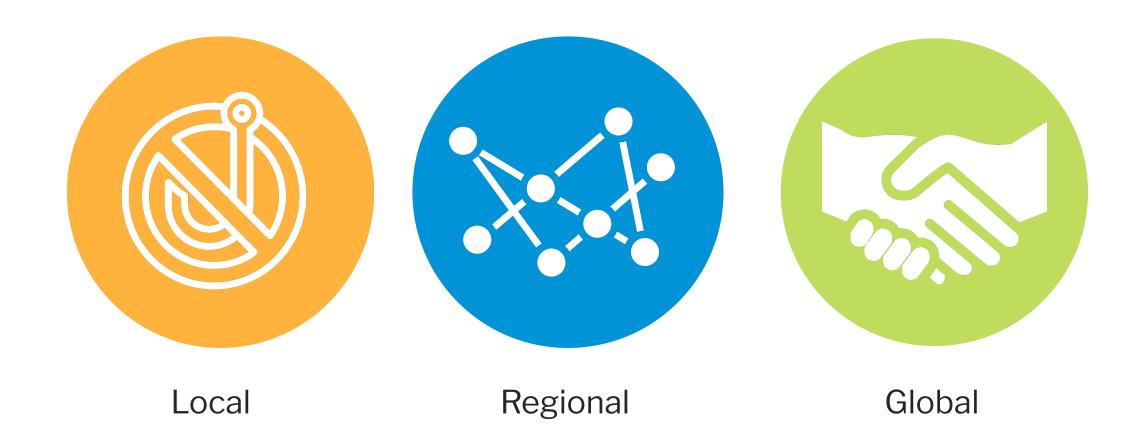
There is hope

Our research shows:

- Evolution can help rescue reefs from rising temperatures
- Reducing local stressors makes evolution more likely
- Diversity is key
- Important caveat: we need to reduce our emissions



Our solution







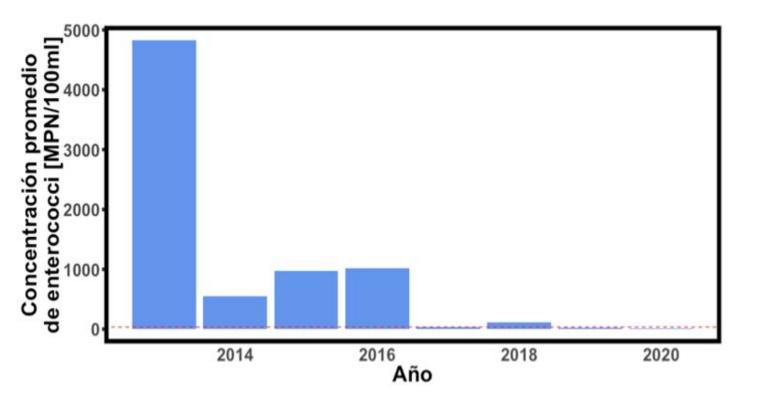








Results: It's working



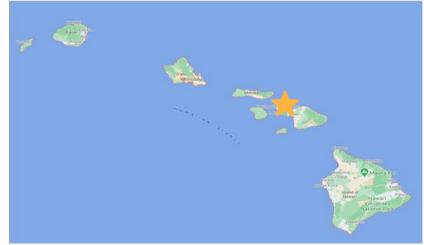
















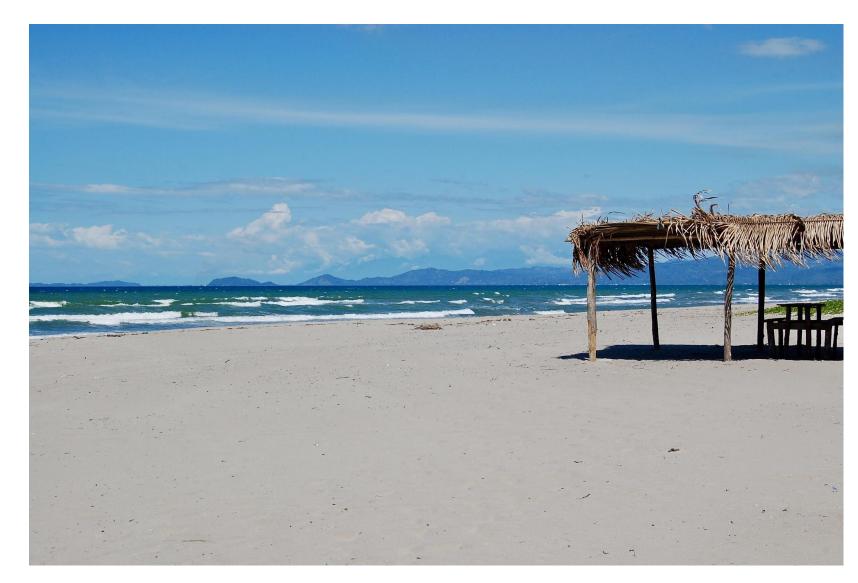


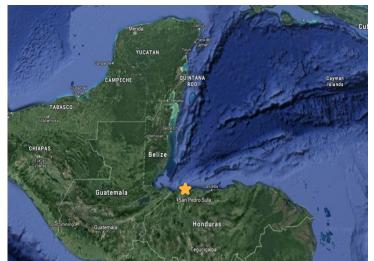




















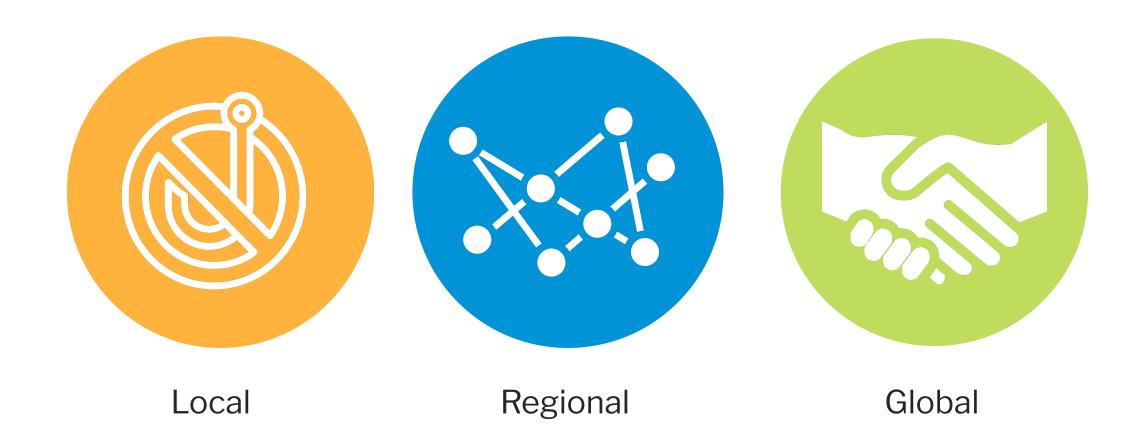






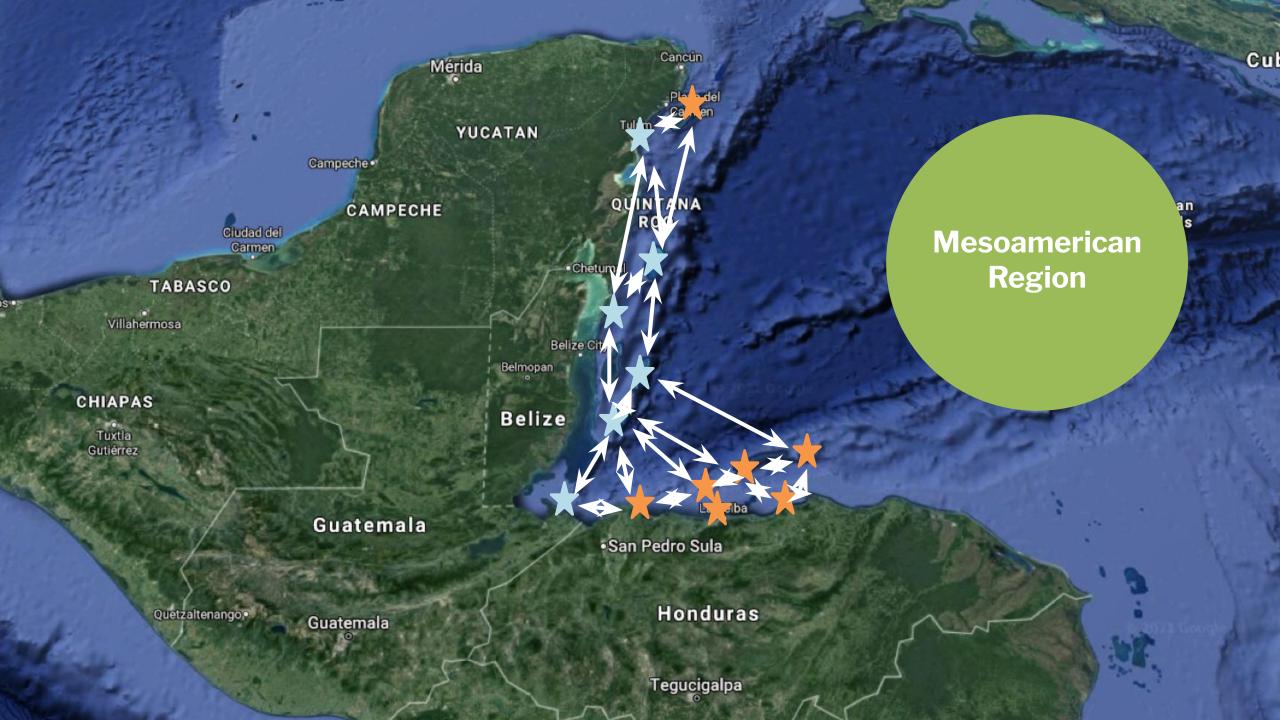


Our solution

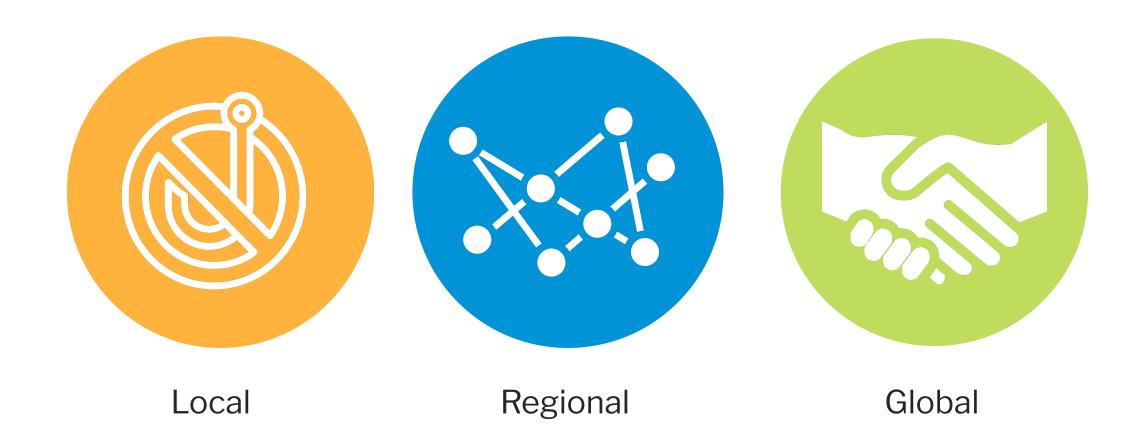








Our solution



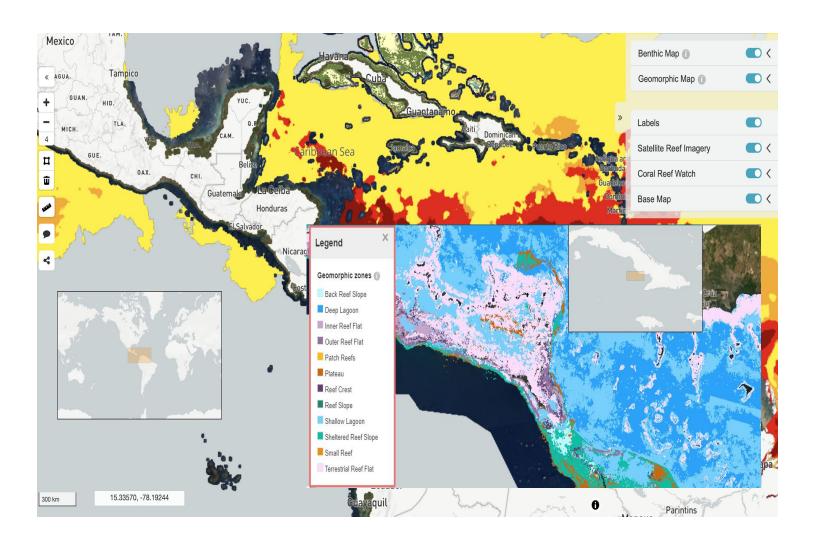


45 adaptive reef networks by 2045

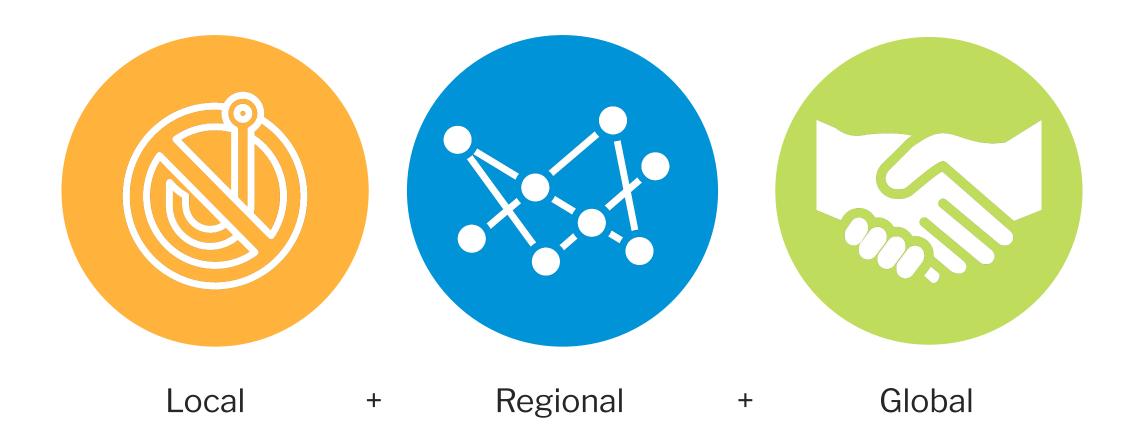
- Creating the first deliberate adaptive reef networks in the Mesoamerican Region and the Main Hawaiian Islands
- Building alliances across the conservation community
- Identifying emergent opportunities for application -- e.g., Caribbean Challenge
- Developing proxies that take advantage of new global data sets



New opportunity: Allen Coral Atlas







= saving the world's coral reefs





Questions?

More info at: www.coral.org
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