NOAA's Strategy to Respond to and Prevent the Spread of Stony Coral Tissue Loss Disease

Applying Science, Technology and Partnerships to Save A National Treasure

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NOAA Coral Reef Conservation Program Director

Virtual ICRI 35th Meeting

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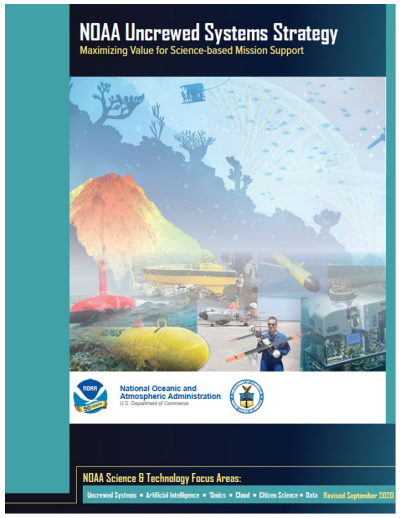
Image: LT Laura Rock, NOAA

NOAA S&T Strategies

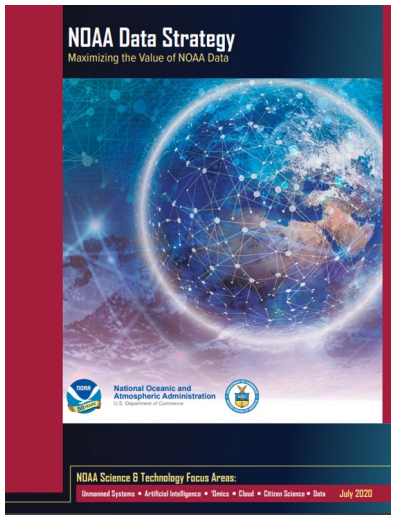


Uncrewed Systems

Artificial Intelligence

'Omics

Cloud



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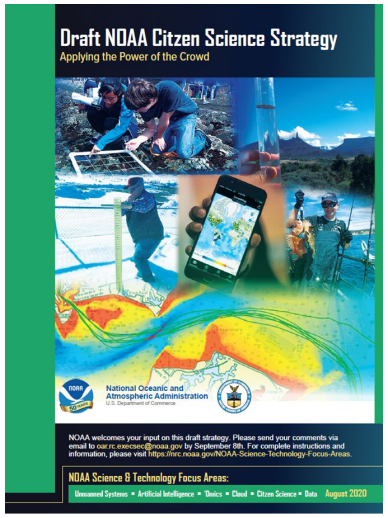
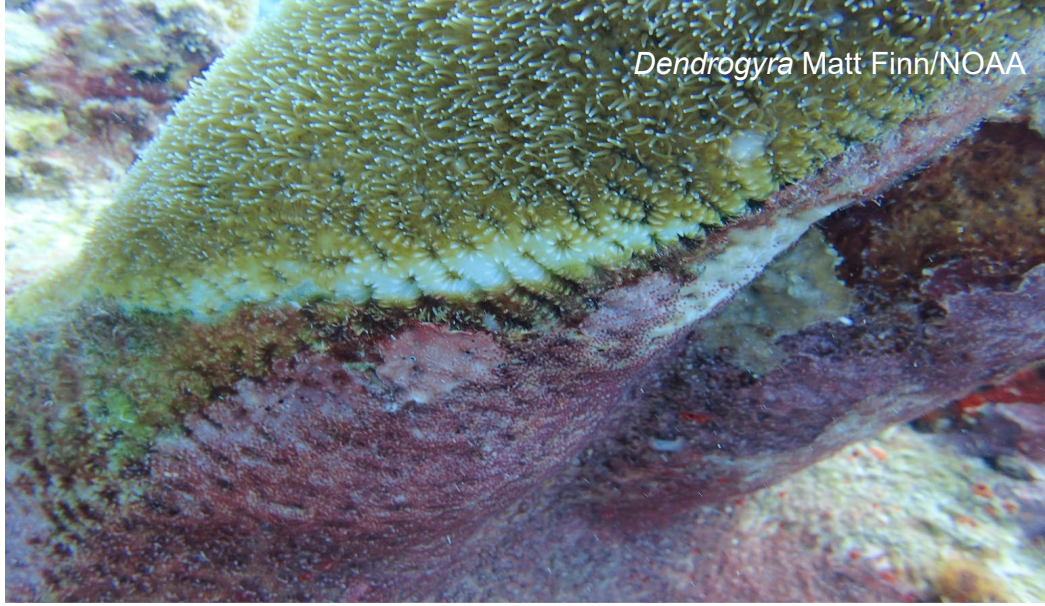


Citizen Science

https://nrc.noaa.gov/NOAA-Science-Technology-Focus-Areas

SCTLD

Meandrina Ben Edmonds/NOAA



Dendrogyra Matt Finn/NOAA

17/07/2019

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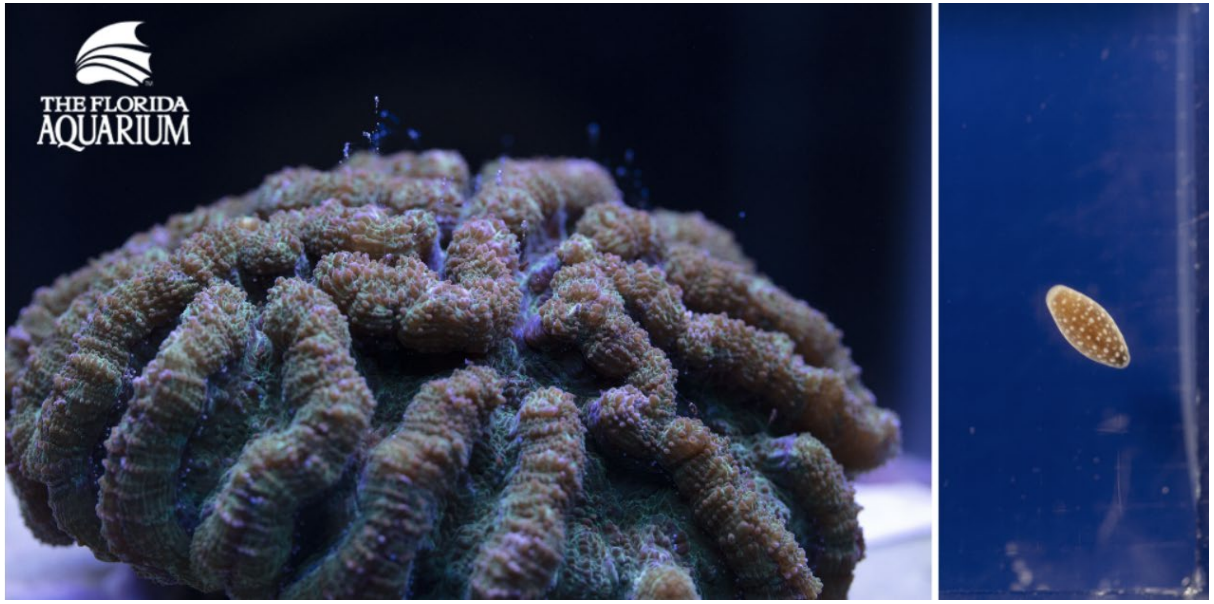
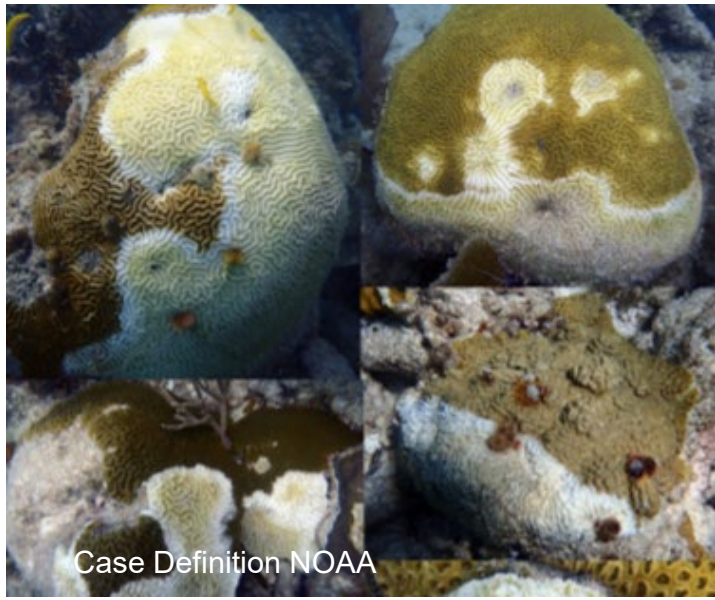
NOAA SCTLD response & partnerships

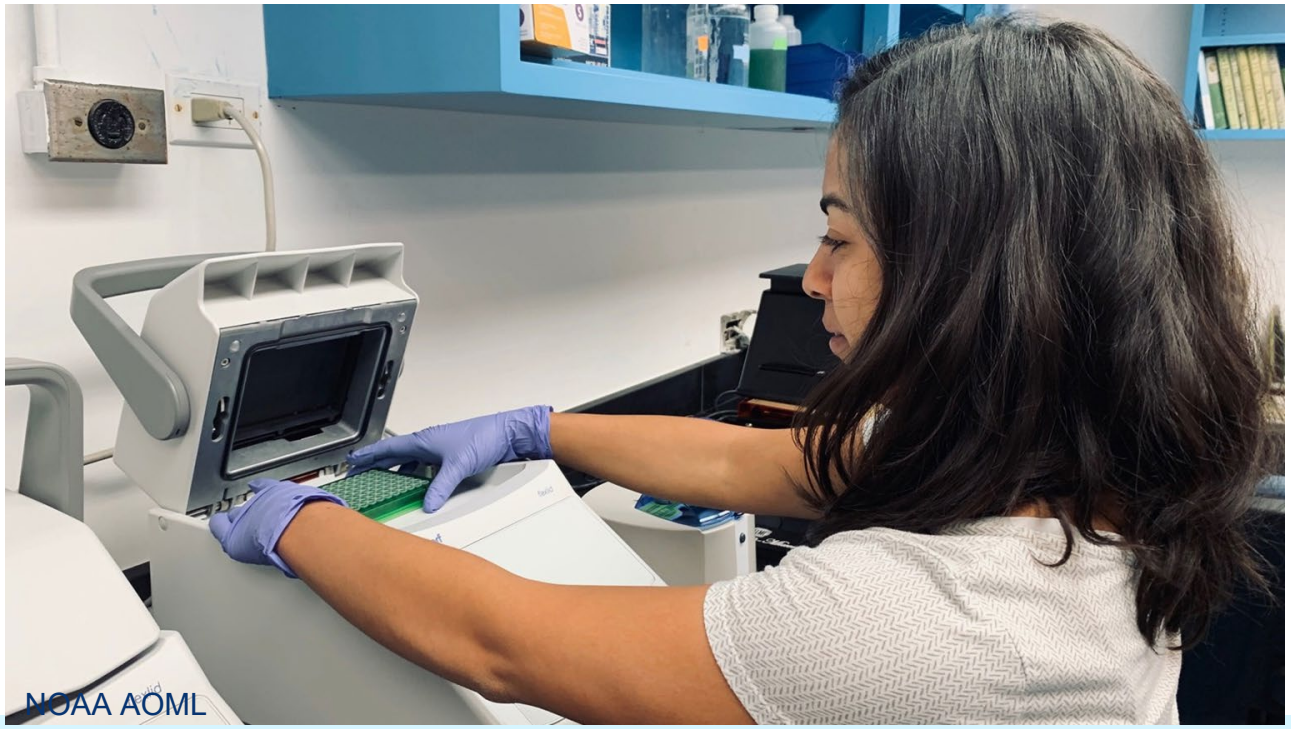


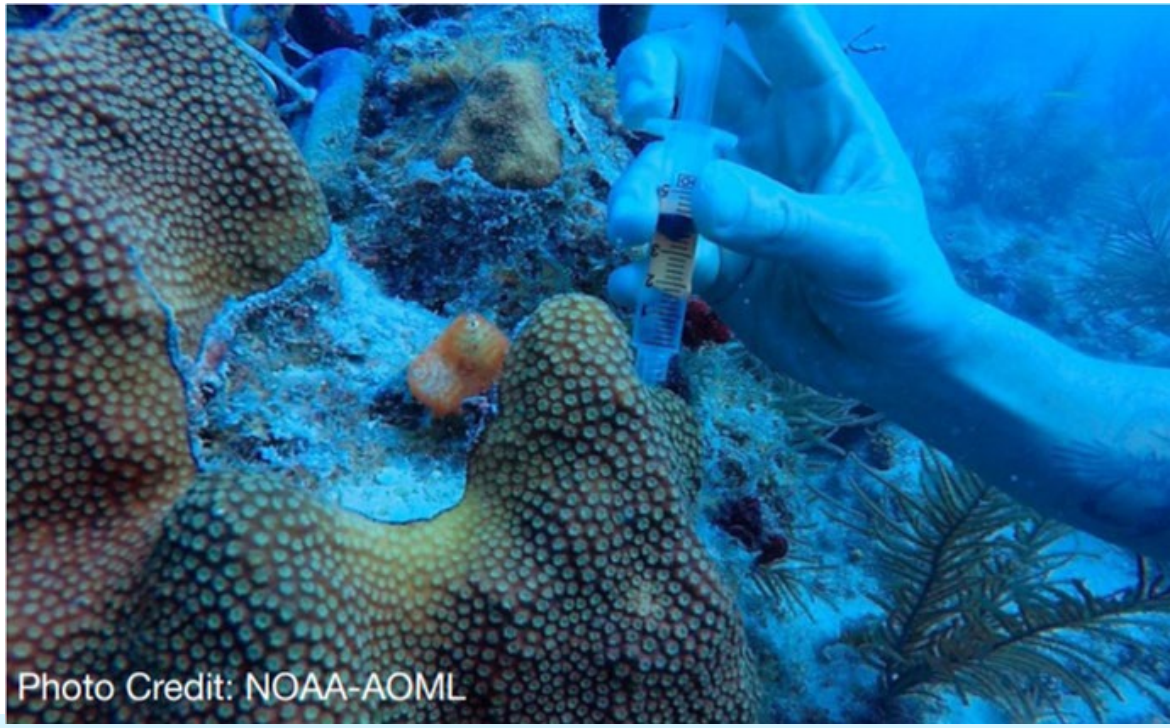
NOAA Strategy for SCTLD Response & Prevention

Jason Leonard, NOAA

Goal 1: Expand research & data collection capacity





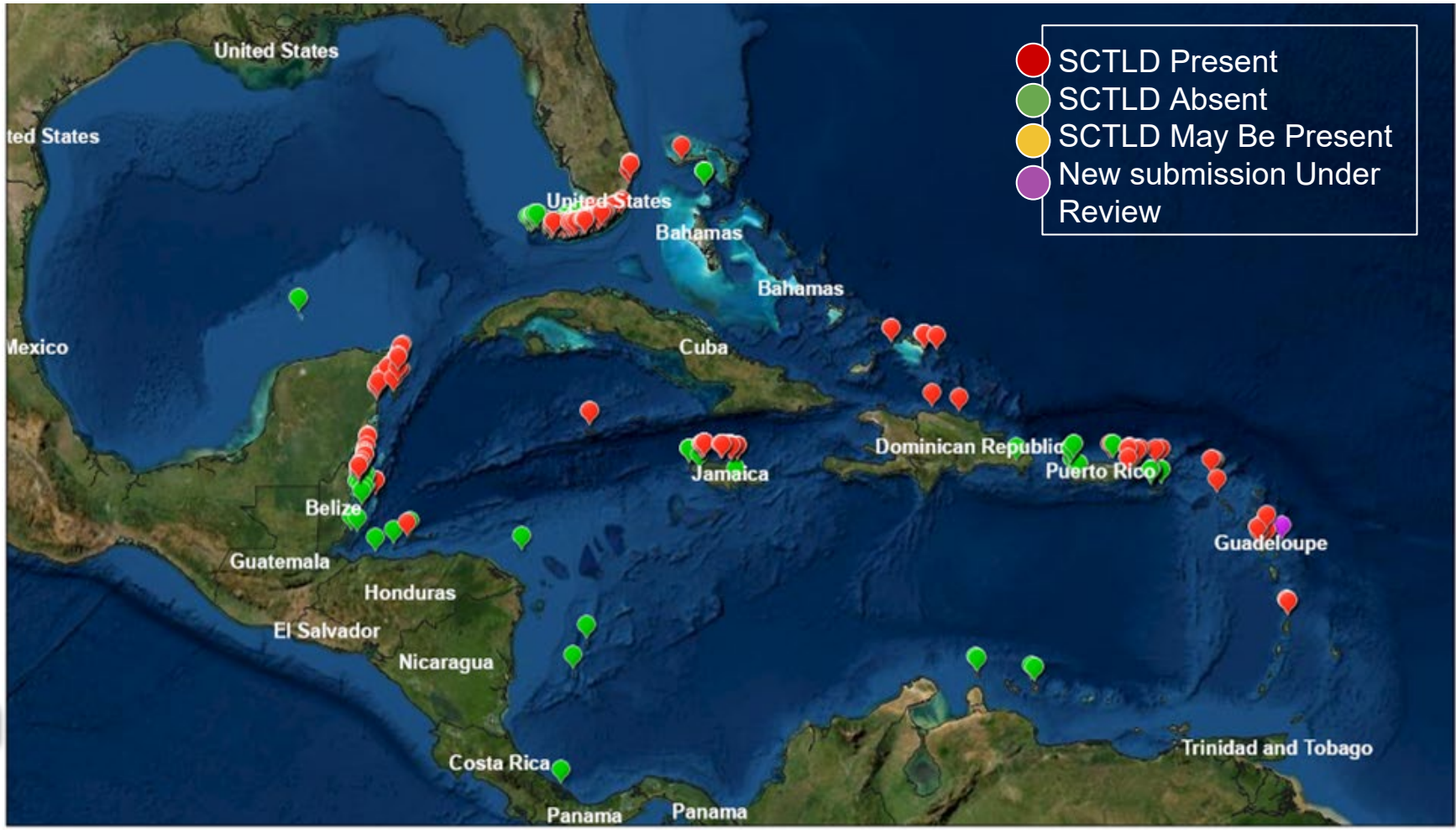


Goal 2: Support coral rescue, propagation and restoration operations, research and partnerships


Jennifer Moore/NOAA


FWC

Goal 3: Strengthen & expand international partnerships for surveillance & information sharing

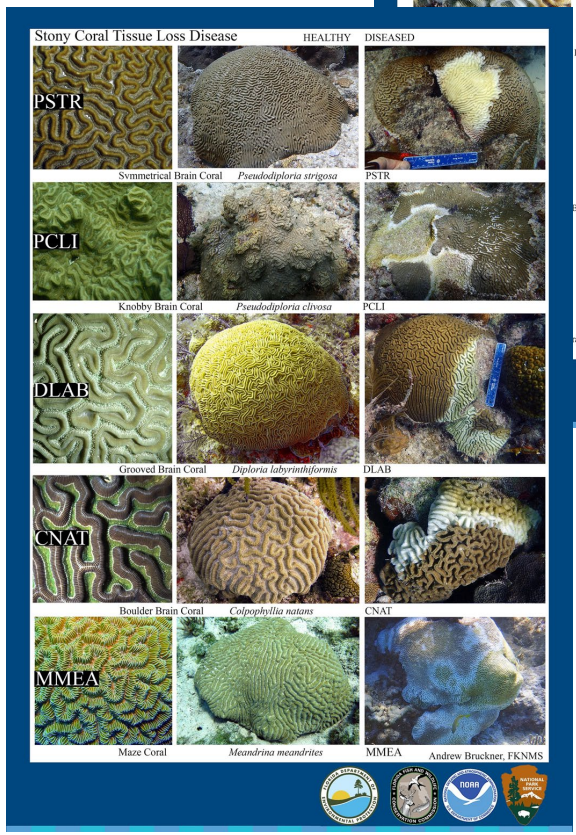


Goal 4: Promote awareness of SCTLD science, status, & indicators


Emma Doyle, GCFI

NOAA FKNMS

Goal 5: Build capacity for coral disease detection, prevention & intervention



Dr. Andy Bruckner/NOAA

Goal 6: Prevent the spread of SCTLD to the Indo-Pacific region

Kip Evans/NOAA

Goal 7: Work with regional fisheries managers to ensure that SCTLD is considered in management consultations

Lisa Morse

Goal 8: Collaborate with the coral reef management community to reduce stressors to coral reefs and build ecosystem resilience

FKNMS/NOAA

NOAA SCTLD Strategy Alignment

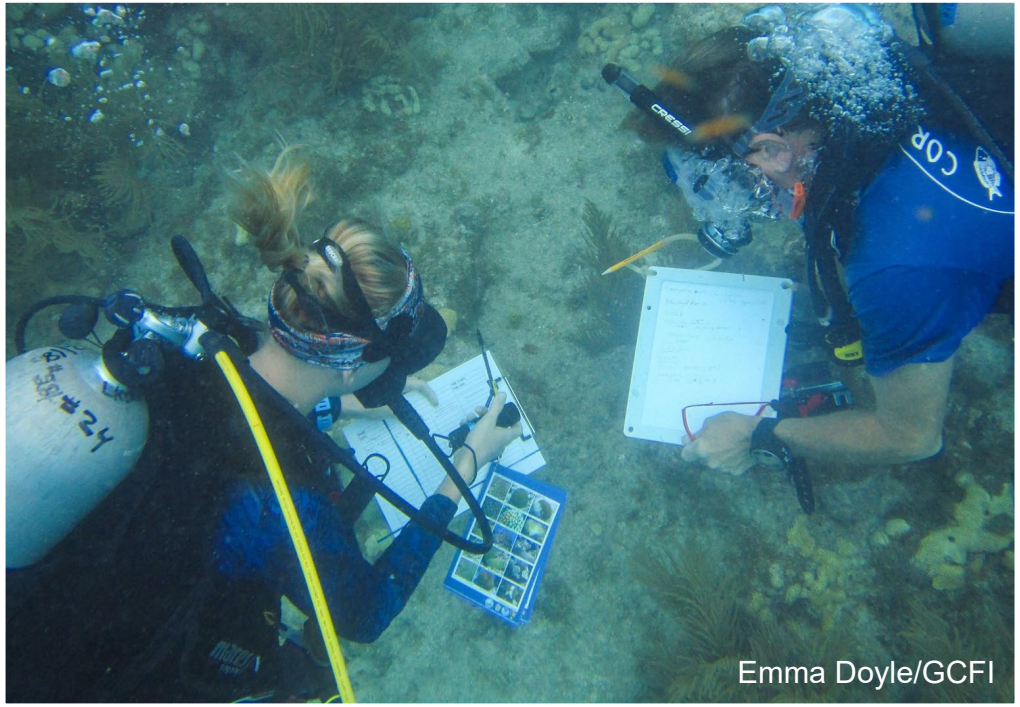
Karen Neely/NSU

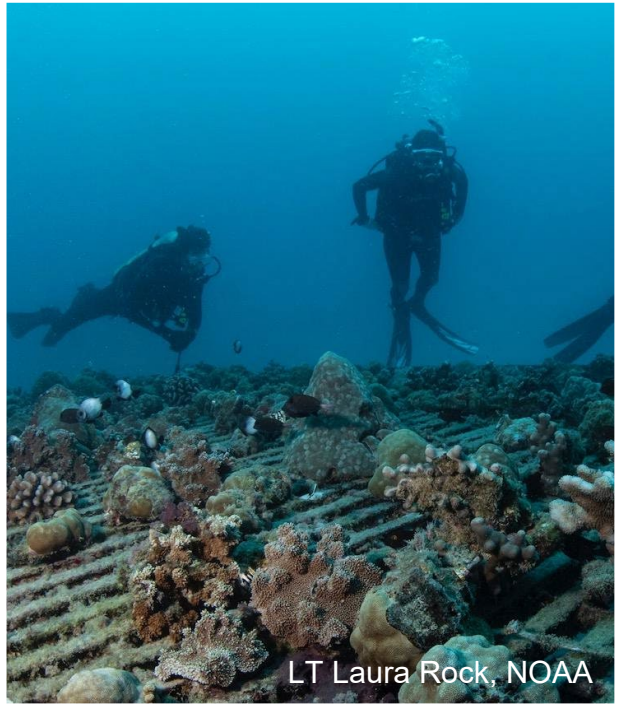
- NOAA CRCP Strategic Plan
- Local SCTLD response plans

  US Virgin Islands - done

  Puerto Rico and Florida - in development

The Way Ahead


Emma Doyle/GCFI


LT Laura Rock, NOAA

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Thank You!
NOAA