Taking Restoration to Scale:Acropora Coral Restoration,Florida, the USVI and beyond...



James Byrne

The Nature Conservancy

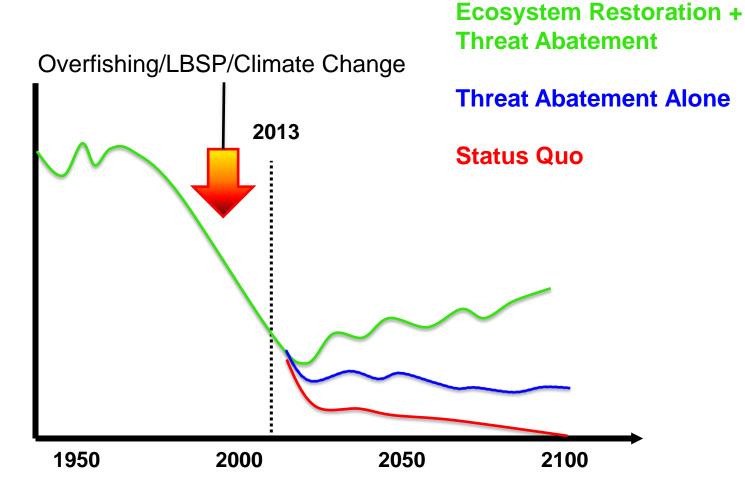
Florida and the Caribbean



5th National Conference on Ecosystem Restoration NCER July 29 – August 2, 2013 | Greater Chicago, IL / Great Lakes Region | Renaissance Schaumburg Convention Center Hotel



State of the Caribbean Reef System



Reef condition



Threatened (Endangered?) Acropora Corals

Elkhorn Coral

Staghorn Coral





We collect from diverse, wild colonies...

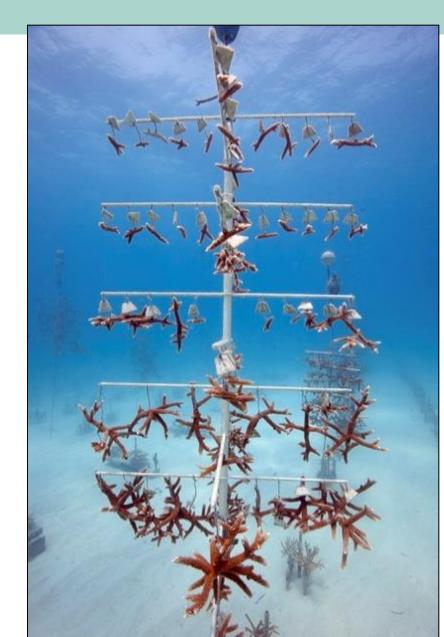




Grow them in coral nurseries...





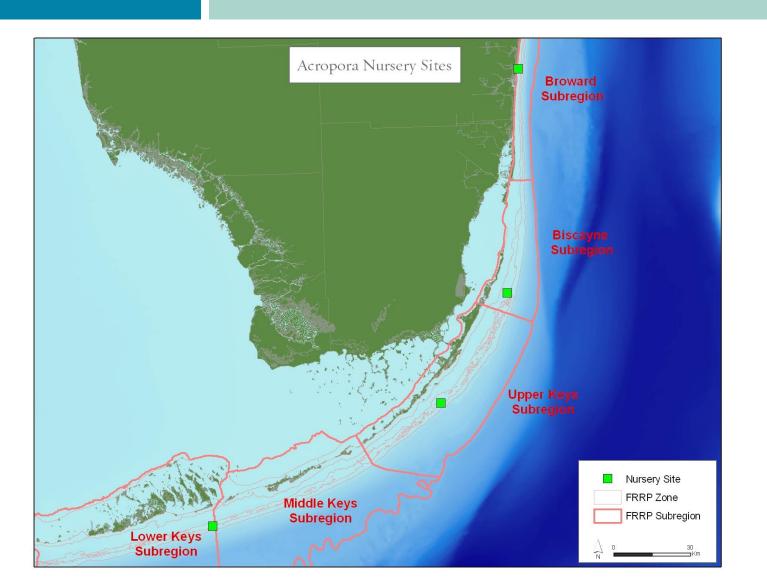


Then restore <u>breeding colonies</u> to degraded reefs.



2004 - 2009 NOAA-TNC Community Restoration Project





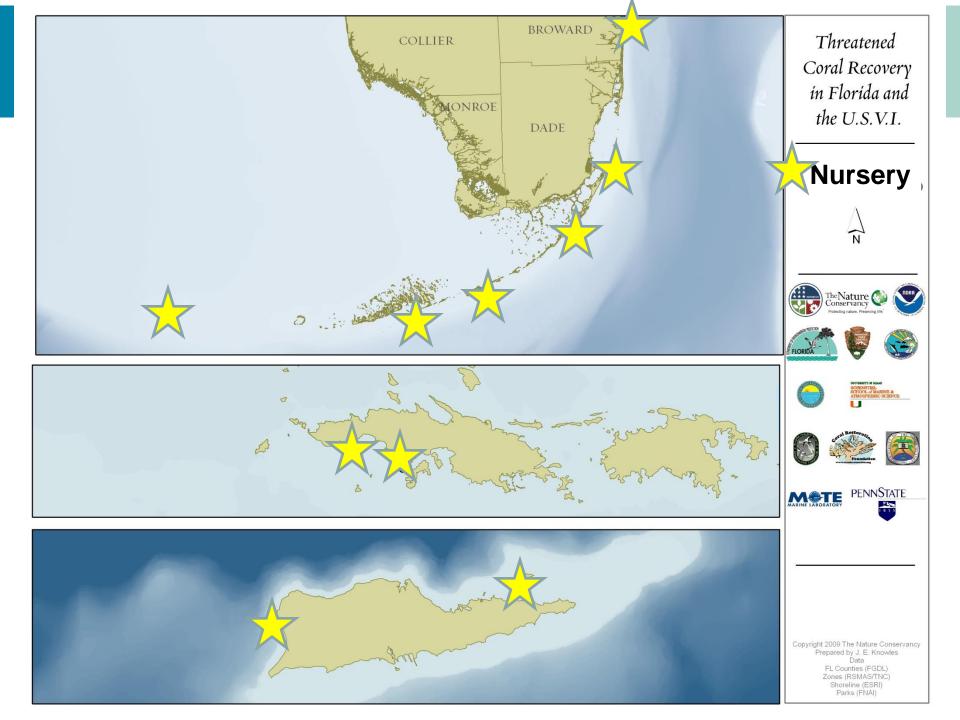
NORR COMMENCE



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In 2012 we restored more than 8,000 corals at 34 reefs in Florida and the USVI.



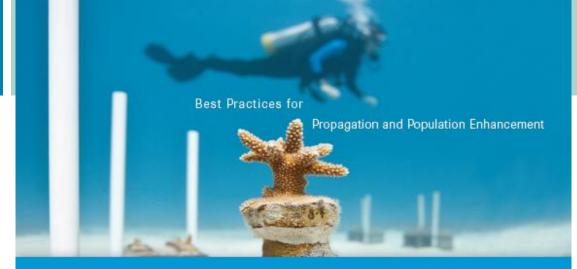


Success leads to.....

New Challenges, demands and opportunities







CARIBBEAN Acropora

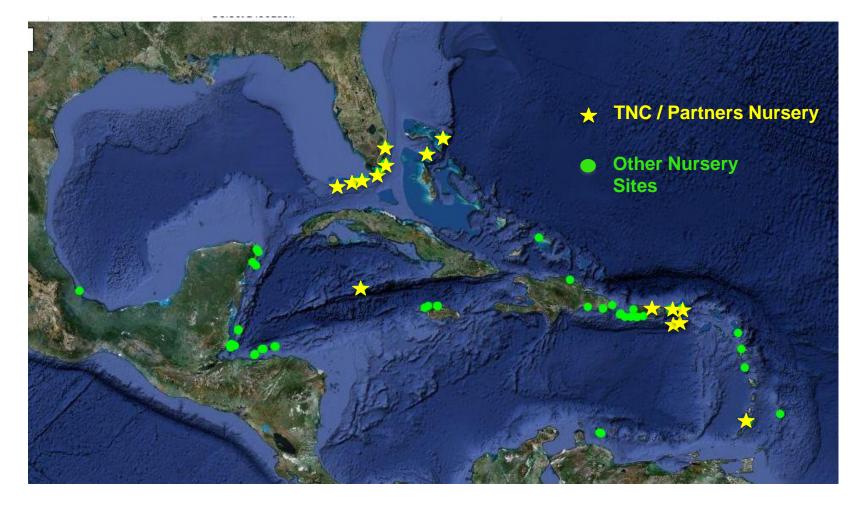






Caribbean Acropora Restoration Database







Future Opportunities

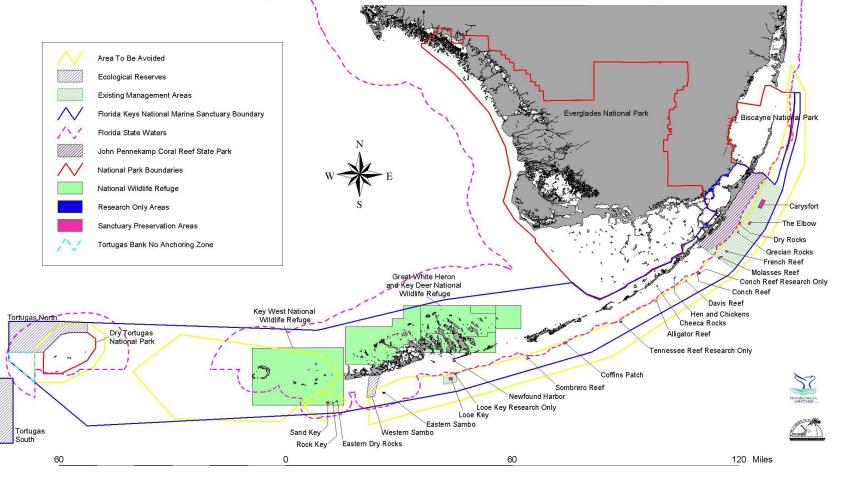


PADI Authorized Recreational Dive Course: Caribbean Coral Restoration Specialty Course



Restoration Zones and Restoration focused MPA's

Florida Keys National Marine Sanctuary





Recommendations of the Port Everglades Reef Group Regarding Compensatory Mitigation for Navigation Improvements at Port Everglades Harbor



Prepared for

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by

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