

Letter from the Executive Director

After 25 years of coral reef research, monitoring, and policy development, I have established a new charity that focuses on high impact research, restoration and education that contributes to the conservation of threatened species and habitats and helps the people dependent on these resources. This year's efforts have centered on the Maldives, where catastrophic changes to the reefs have occurred as a result of outbreaks of voracious coral-eating starfish and a particularly severe El Niño event. Our work has included the establishment of long-term monitoring sites; evaluation of the impacts of the 2016 mass bleaching event; removal of pest species, coral reef education for high school students, resort staff and guests, dive operators, and recreational divers; the introduction of novel coral gardening efforts, and the establishment of coral nurseries on two atolls. We have partnered with Anantara Resorts and Minor Hotel Groups for our work on South Malé Atoll and Baa Atoll, and with Carpe Diem Maldives Fleet for our country-wide conservation initiatives.





MISSION

To understand and reduce threats affecting coral reefs, promote sustainable management of reef resources, and rehabilitate degraded reef ecosystems.



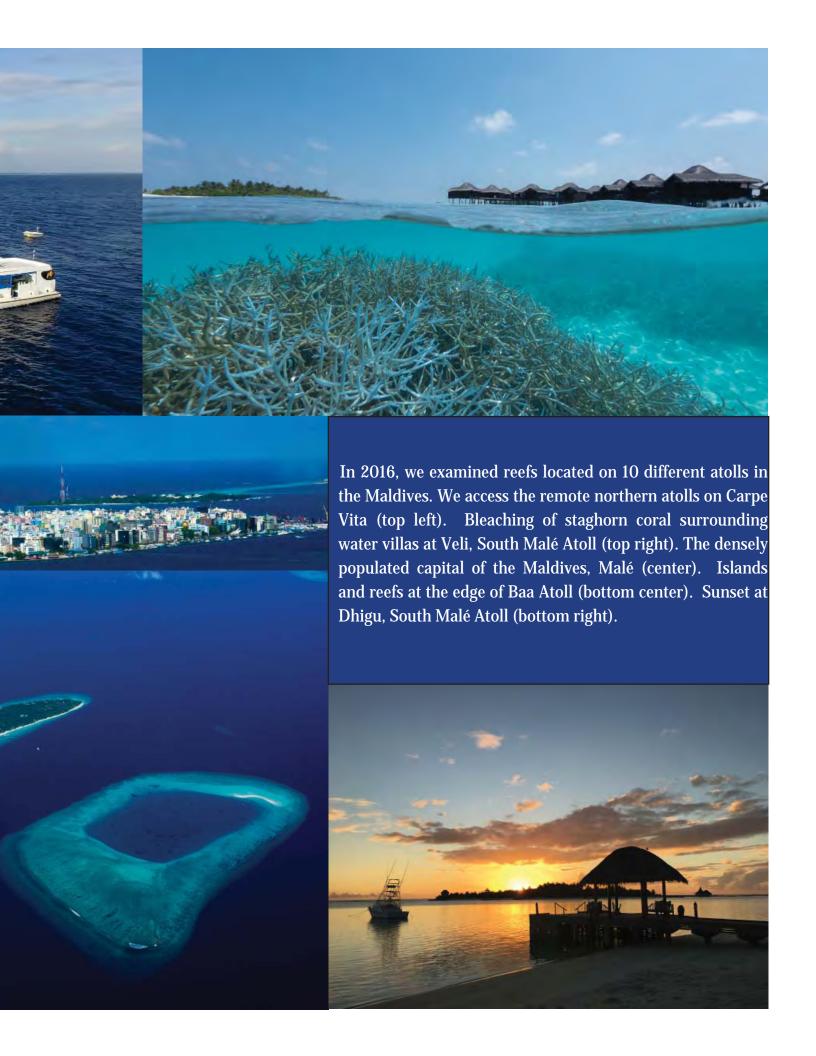
We are currently implementing the Holistic Approach to Reef Protection, HARP, in the Maldives through coral reef research, monitoring, reef clean-up and pest control, coral gardening, and education and training.

Spotted eagle ray swimming over bleached coral on reef Baa Atoll, Maldives, April, 2016





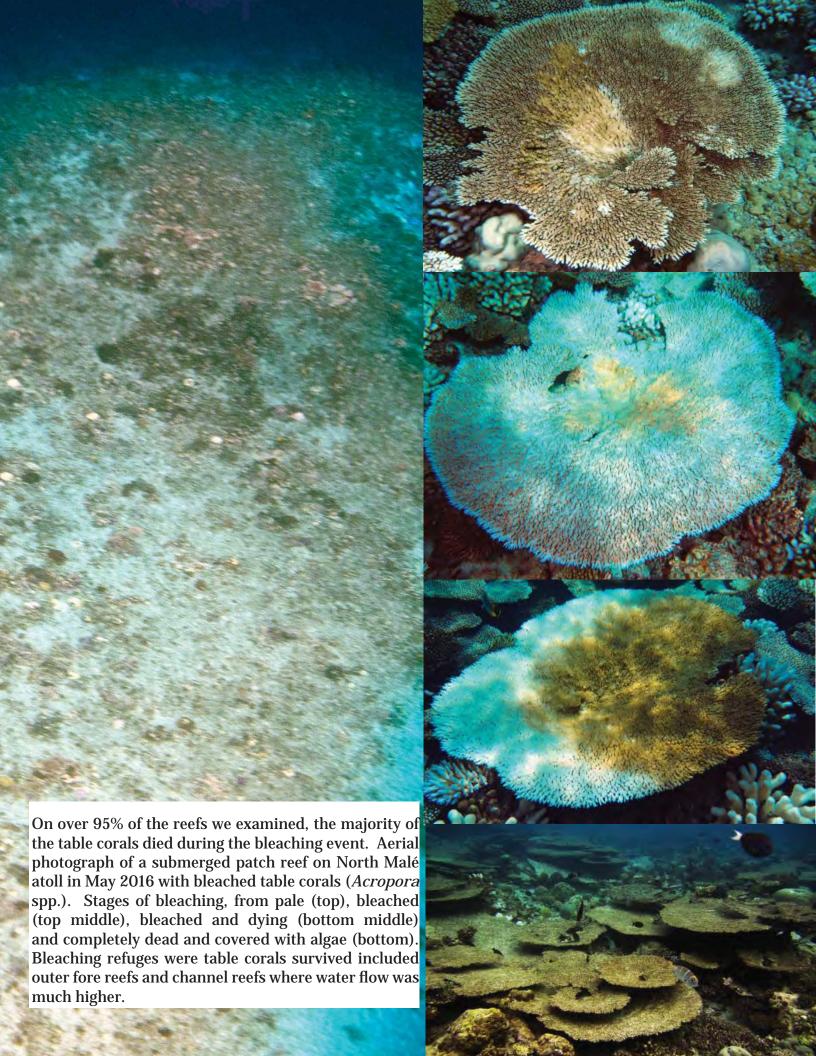


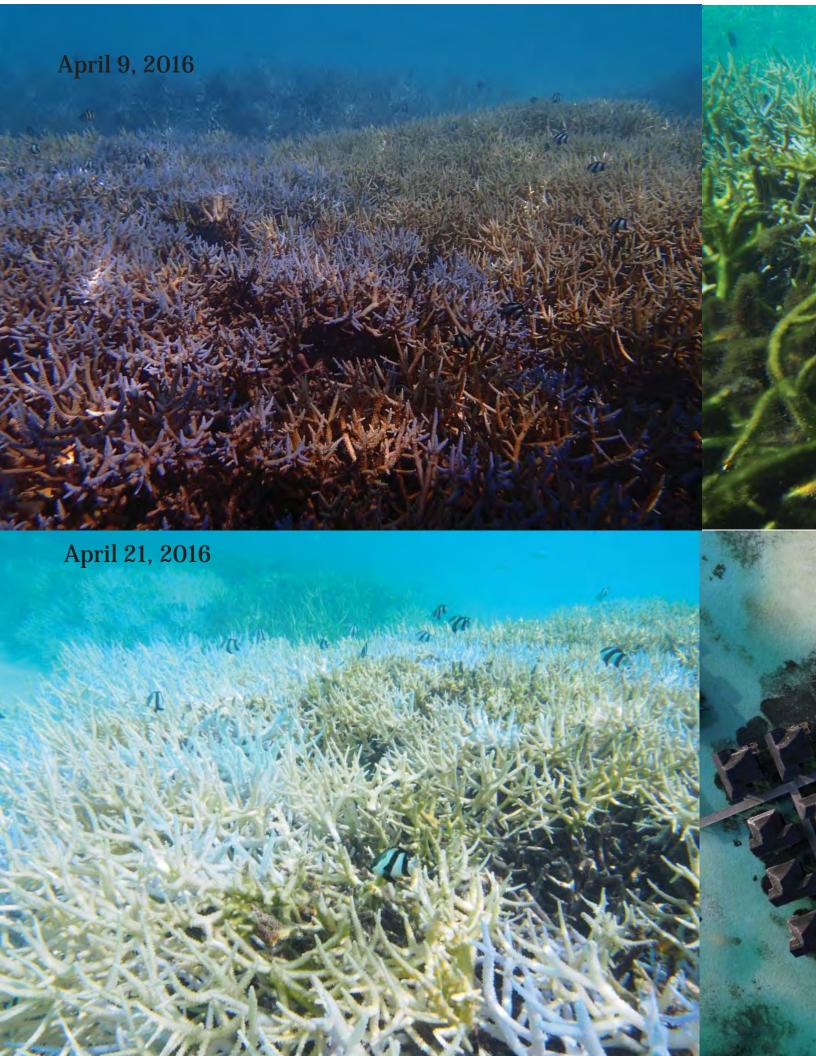












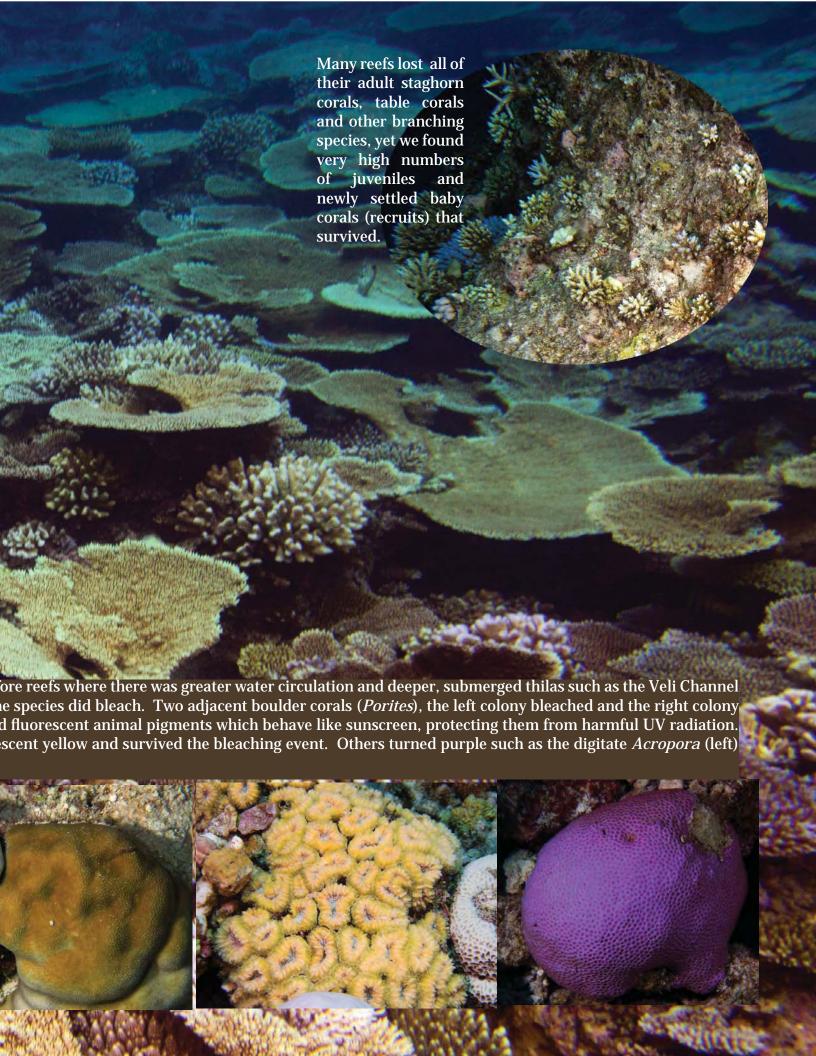


During the 2016 mass coral bleaching event, some reefs fared worse than others. In calm. protected lagoonal habitats with minimal circulation. water temperatures exceeded 34° celsius. One shallow snorkel area surrounding the water villas at Veli, South Male Atoll, had huge stands of staghorn These quickly coral. died. The photographs to the left show the stand when it was just starting to bleach (top left), two weeks later when it was completely bleached. (bottom left) and two weeks after that when 99.8% of the population had died and skeletons were covered in thick algae (top right).

An aerial view of the staghorn population (dark spots is dead coral skeletons) is shown in the lower right.

Coral Reef CPR has established a nursery here, with intention to restore this area within a few years, because of the critical importance of the site as a nursery area.

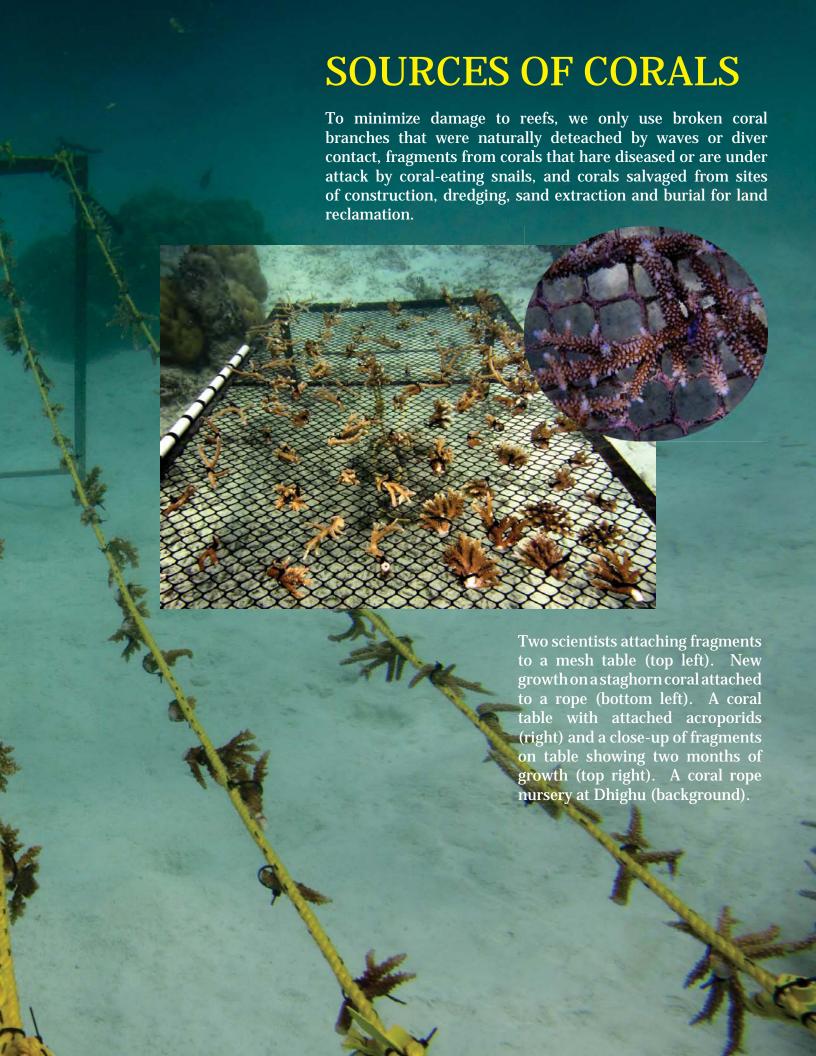












EDUCATION

The most important way to achieve change is through education and community involvement in conservation actions. Coral reef CPR conducts seminars, workshops and in water training, and uses volunteers to achieve our conservation objectives. During 2016, we reached over 4000 high school students, resort guests, recreational divers, staff, and local community members through our presentations. Volunteers were integral in our crown of thorns clean-up efforts, and in assisting us with the establishment and amintenance of nurseries.

























Images from our educational seminars, high school workshops, crown of thorns volunteer clean-up activities, coral nursery work and scientist volunteers that supported and participated in our educational programs.



OUR PARTNERS AND SPONSORS



















Society for Conservation Biology









next

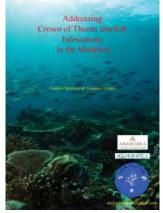


CORAL REEF CPR PUBLICATIONS









http://bit.ly/2hTqwci Phase III: Impacts of Bleaching & Establishment of Coral Nurseries Field Report

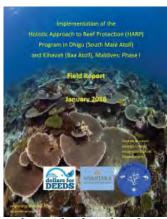




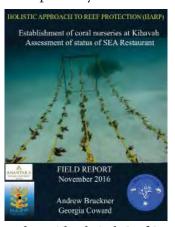
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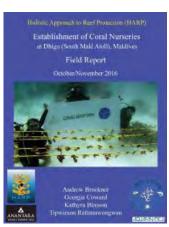
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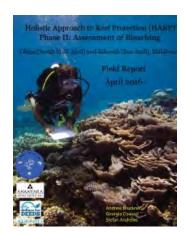
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Coral Reef Conservation Protection and Restoration 1318 Excaliber Lane Sandy Spring, MD 20860 www.coralreefcpr.org



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