



CORAL REEF
ALLIANCE





It's my privilege to chair the Board of the Coral Reef Alliance (CORAL). It's easy to fall into despair at the state of the world's coral reefs, but our message is one of hope. We can act immediately in ways that will help coral reefs respond to the multiple threats of climate change and human action.

I've been a scuba diver and free diver for decades, and like all long-time divers I've been heartbroken to see the state of some of my favorite dive sites. Warming waters, pollution, overfishing and inconsiderate tourists have all damaged the reefs. And yet, I've also seen coral reefs recover and come back after major events like hurricanes. Coral reefs have survived some pretty scary episodes since they evolved on planet earth, and with your help, we can ensure that they can survive and thrive.

Knowing that CORAL is leading the effort to save these ocean wonders for future generations is incredibly encouraging and inspiring, and it gives me great pleasure to share our recent efforts with you, so that you understand that there is hope for corals.

Founded in 1994 as an organization focused primarily on place-based conservation, CORAL has evolved to tackle the challenge of climate change. After 25 years since our founding, we are accelerating our work in ways that will have a profound impact on coral reef conservation.

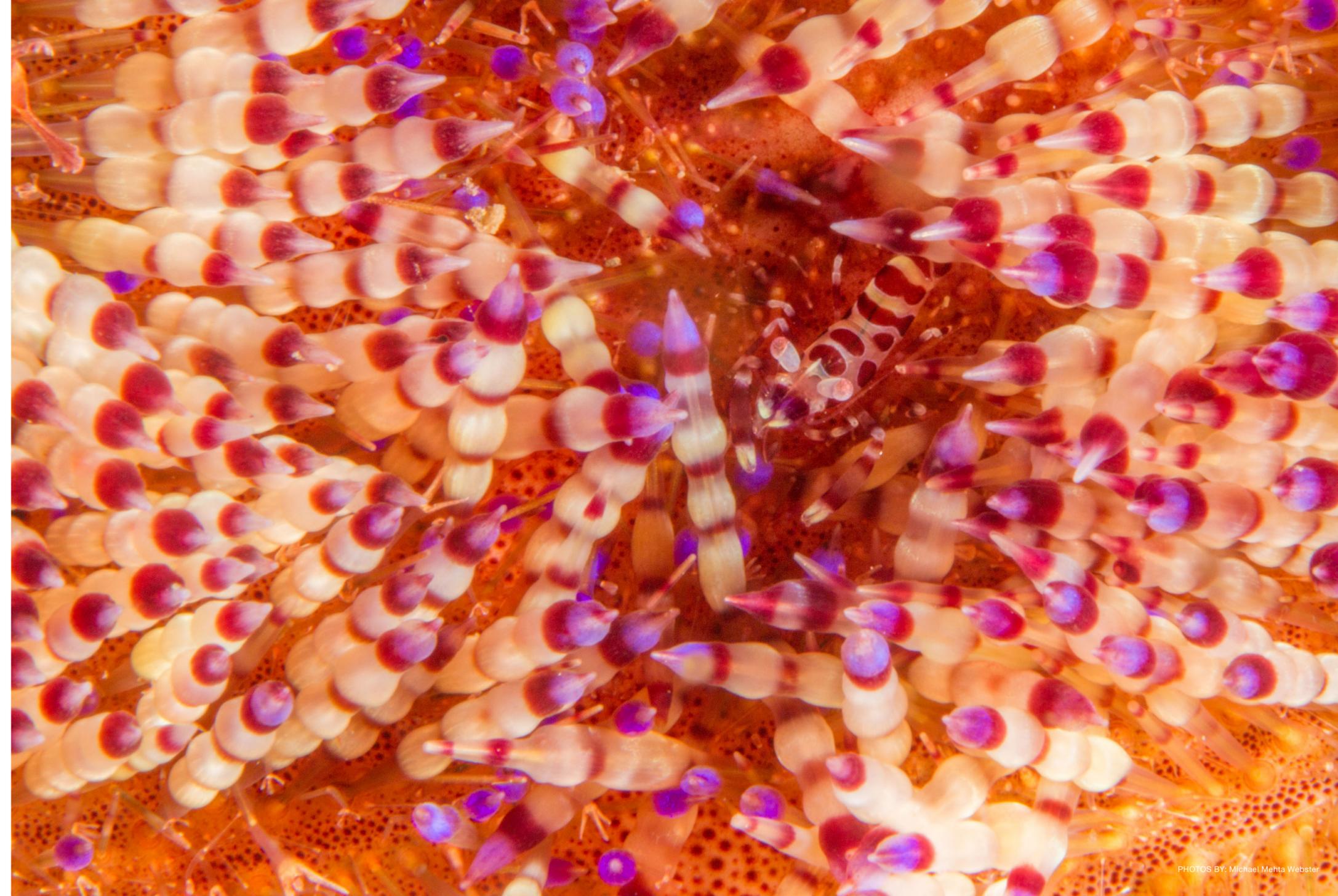
In 2015, we convened a group of scientific experts to figure how coral reefs can adapt to life on a warming planet. Our first results were published in July 2019 in the scientific journal *Nature Climate Change*, and showed that efforts that facilitate evolution can help rescue coral reefs from the effects of climate change. What this means for our conservation work is that if we manage regions by reducing local stressors, those areas can serve as sources of repopulation for coral reefs around the world. We call these regions Adaptive Reefscapes, and our work shows that if we

can establish 45 Adaptive Reefscapes around the world by 2045, we can ensure that coral reefs continue to exist to provide benefits to people and wildlife for generations to come.

We used these scientific findings to guide the creation of our five-year strategic framework, which we finalized last year. Created by senior staff and the Board of Directors, the plan describes how we will build on our existing strengths and quickly leverage work done by our partners to establish a global network of Adaptive Reefscapes. It also acknowledges that we can't do this important work alone: we'll need to rally the conservation community, scientists, reef managers and supporters like you around this science-based solution.

Our vision is a world where coral reefs have adapted to climate change because we acted swiftly. With your help, we're making our vision a reality so that future generations can witness the astonishing beauty of a vibrant coral reef, as I have been fortunate enough to experience in my life. CORAL accomplished a lot last year, and with your continued support we will be able to do so much more in our mission to save the world's coral reefs.

JOHN ANNER, PH.D.
Board Chair





This is an exciting time for CORAL, and it's an honor and a privilege to be addressing you as CORAL's new Executive Director. CORAL is on the cusp of incredible advancement with a new science-based approach to coral conservation and flourishing regional programs.

Our work has never been more important than it is now as the harmful effects of climate change are increasingly felt around the world. As John mentioned, our organization has grown considerably in recent years to meet this challenge – evolving from an organization focused on the impacts of divers to one that is addressing major threats to reefs and leading innovative research.

In my seven-year tenure at CORAL, I've been integral to these changes. I've worked in partnership with world-class researchers to improve our understanding of how ecosystems adapt to the effects of climate change and with our talented staff around the world to help communities protect their local reefs. By combining our scientific results with community-driven conservation, we are spearheading a new approach to conservation that will help reefs around the world cope with rapid environmental change.

Together, with our team of expert scientists, we found that if we can create the conditions that corals need to be healthy, then the survivors of major stressors like bleaching events will be able to repopulate reefs across a region with their well-adapted genes. Based on these findings, we are focusing CORAL's work on creating networks of healthy reefs in which corals can adapt to warming oceans. If we can create enough networks of well-adapted coral reefs to repopulate other regions, we can ensure the survival of coral reefs for generations to come.

At CORAL, we know that creating these conditions is most successful when it happens in partnership with the people that rely on reefs for their livelihood and well-being. We're proud of our community partners who are actively working to reduce local stressors, including land-based pollution and overfishing. For example, this past year in Honduras, our partnerships with residents, business owners and the government has improved water quality to meet international safe swimming

standards in West End, Roatán. We also partnered with local non-profits to make sure that the marine protected areas (MPAs) that we have helped to establish are effectively managed, resulting in increased fish biomass. Efforts like these are creating the local conditions that allow healthy corals to thrive, and because this work is part of a network, these reefs contribute to adaptation and repopulation across the entire Mesoamerican Reef system. We will continue to support our local partners in their efforts reduce local stressors because without vital work, corals won't be able to adapt.

Similarly, in Hawai'i our achievements are creating conditions that facilitate adaptation. We've mobilized a team of volunteers to help us reforest the slopes of West Maui's mountains to stabilize the soil and prevent coral reefs downstream from being smothered by sediment. So far, over 200 volunteers have planted approximately 8,000 plants that are holding tons of soil in place. This work has ripple effects beyond Maui because reefs along the Kaanapali Coast are a source of coral larvae for other islands in the Hawaiian archipelago. And this work can help beyond Hawai'i's shores: by sharing our best management practices, our successes can be replicated to address sedimentation on other islands around the world.

As you'll read in this year's annual report, our accomplishments from the past year are helping us move forward to achieve our mission of saving the world's coral reefs. It is thanks to our dedicated staff, engaged Board of Directors and people like you that future generations will be able to enjoy the myriad benefits that coral reefs provide.

 **MADHAVI COLTON, PH.D**
Executive Director

ORGANIZATIONAL

25th

ANNIVERSARY

- We celebrated our 25th anniversary as an environmental nonprofit, and changed our mission to Saving the World's Coral Reefs.
- We published our first paper from the Modeling Adaptation Potential (MAP) Project, and it was featured in the scientific journal *Nature Climate Change*.
- The paper has been cited three times and read 322 times since its publication in July 2019. It gives hope to coral reefs facing the effects of climate change by offering solutions that help them adapt to rising temperatures.

FUNDRAISING

121%

OF FUNDRAISING GOAL

- In 2019, CORAL kicked off more corporate partnerships than ever before, bringing in 42 new partners who helped us far surpass our business fundraising goals.
- We continue to be rated as a 4-star rated organization on Charity Navigator and maintained our Gold Seal with GuideStar.
- We had one of the most successful winter fundraising periods in the organization's history and surpassed our goal by 121%.
- In the month of December, 39% of our donations came from new donors while 26% of our donations came from donors who have been with us for 10+ years.

MESOAMERICAN REGION

\$1.5M

RAISED FOR WEST BAY

- CORAL supported the community and businesses of West Bay, Roatán, in securing \$1.5M from the Honduran central government for a new wastewater treatment facility.
- West End, Roatán, a premier swimming beach for tourists, is now passing clean water standards, and was awarded with a Blue Flag certification.
- As a result of the cleaner water, the amount of coral disease on nearby reefs decreased by 25% since 2011, and the most recent coral survey found no coral disease in the area.
- We created four new training modules and videos that help tour guides teach visitors how to lessen their impact on coral reefs while traveling.

HAWAI'I

8,000

SEEDLINGS PLANTED

- We built a native plant nursery in Maui with the collaboration of West Maui Animal Farm. This space allows us to raise native plants that are better acclimatized prior to planting. We also share native plants with other restoration groups.
- We presented our work at 10 different engagement events, including "Reef to Ridge Rendezvous" to educate 250 community members about our stream gulch restoration work.
- We held 10 Watershed Restoration Days with over 200 volunteers who planted approximately 8,000 seedlings. These plants are holding the soil in place so it doesn't wash downstream and smother coral reefs.
- Thanks to CORAL's Clean Water for Reefs Puako partnership, the Hawai'i State government has allocated \$1.5 million in state funding for the planning and design of a Puako sewer system.





EDUCATION

HELD FOURTH ANNUAL WASTEWATER FORUM IN PUAKO, HAWAI'I

- CORAL hosted our fourth annual Wastewater Forum to provide updates on our Clean Water for Reef Puako project- a community-led project to protect Puako's reefs by transitioning away from outdated wastewater management. The event featured a panel of high-profile county and state government officials who answered questions from the community, and CORAL staff shared accomplishments and discussed next steps.

UNVEILED "TRAIN THE TRAINERS" VIDEOS IN MESOAMERICAN REGION

- CORAL debuted our Train the Trainers presentations and video series to help tour guides more effectively educate tourists about coral reefs and how to protect them. The presentations have already been used to train 107 people in Mexico, Honduras, and Belize.

HOSTED WEBINAR ON THE STATE OF CORAL REEFS

- CORAL hosted a webinar on the state of coral reefs, what scientists are predicting for their future, what we're doing to save them and how we can all help.

PRESENTED AT BOAT INTERNATIONAL CONFERENCE

- Dr. Madhavi Colton spoke on a panel hosted by Dr. Mark Spaulding of The Nature Conservancy and included Dr. Tessa Hempson of Oceans without Borders and Richard Vevers of The Ocean Agency. She spoke about CORAL's innovative approach to helping corals adapt to the effects of climate change.

CONSERVATION

ANNOUNCED PARTNERSHIP WITH SKYE INSTRUMENTS, LLC

- Our team in Maui installed two weather stations in the Honokowai and Wahikuli watersheds. Skye Instruments generously donated a weather station for each of the watersheds CORAL is restoring in the Kaanapali area of West Maui. The data will also help us understand the amount of rain that triggers sediment to mobilize across the landscape and cause brown water days in coastal waters.

LAUNCHED HAWAI'I WAI OLA, CITIZEN SCIENCE PROGRAM

- CORAL launched Hawai'i Wai Ola, a collaborative group (called a Hui in Hawaiian) comprised of ten organizations, which aims to improve Hawai'i Island's coastal water quality through science, communication and collaboration to accelerate positive change.

IMPLEMENTED INCOME DIVERSIFICATION PROJECTS IN HONDURAS AND FIJI

- As part of our Healthy Fisheries for Reefs initiative, CORAL collaborated with local communities to develop tailored, locally appropriate income diversification projects. Some examples include our egg-laying chicken project in coastal Honduras and our beekeeping project in Waivunia, Fiji. We helped build the capacity of local people to learn skills like how to run an artisan shop or become a tour guide operator. These income diversification projects help communities make a living without overfishing on their home reefs.

SCIENCE

PUBLISHED STUDY IN SCIENTIFIC JOURNAL NATURE CLIMATE CHANGE

- In a pioneering peer-reviewed study, scientists from the Coral Reef Alliance demonstrated that coral reef management that takes evolution and adaptation into account can help rescue coral reefs from the effects of climate change. The study titled, "Management for network diversity speeds evolutionary adaptation to climate change" is the result of the collaborative Modeling Adaptation Potential (MAP) project to improve the scientific understanding of how coral reefs can adapt in the era of climate change.

PRESENTED AT INTERNATIONAL CONGRESS OF CONSERVATION BIOLOGY

- CORAL's Dr. Michael Webster traveled to Kuala Lumpur, Malaysia, to present at the 19th ICCB. With over 2,000 attendees, the biennial conference is one of the largest gatherings of conservation professionals in the world. Dr. Webster led a discussion group on how CORAL's novel research can inform management strategies to save coral reefs.

TESTED RESTORATION TECHNIQUES IN BALI, INDONESIA

- CORAL led efforts to test and measure the effectiveness of three different coral restoration techniques being used to restore damaged reefs in North Bali as part of our Intact Reef Ecosystems initiative. CORAL collaborated with Reef Check Indonesia and the LINI Foundation to identify which approach works best to rebuild degraded reefs.



PHOTOS BY: Michael Mehta Webster

INSTITUTIONS

Anonymous (2x)
 Bloomberg Philanthropies and Ocean 5's Vibrant Oceans Initiative
 Bonnell Cove Foundation
 The Campbell Foundation
 The Dirk and Charlene Kabcenell Foundation
 The Fairbairn Family Foundation
 Fred Gellert Family Foundation
 German Society for International Cooperation
 Hawai'i Tourism Authority (HTA)
 Aloha 'Āina Program
 Hawaii Department of Land and Natural Resources/Division of Aquatic Resources
 Hawaiian Electric Industries
 Honda Marine Science Foundation
 Horne Family Charitable Foundation
 Jesse W. Couch Charitable Foundation
 Lawrence Foundation
 National Oceanic and Atmospheric Administration
 The Overbrook Foundation
 Paul M. Angell Family Foundation
 The Summit Foundation
 U.S. Department of State Bureau of East Asian and Pacific Affairs

CORPORATE PARTNERS (\$5,000+)

craigslist Charitable Fund
 Hawaiian Airlines
 HERO Swim
 15 Five Inc.
 Tiger Global Management LLC
 Color the World Cosmetics
 Pearl's Peril
 Que Factory LLC

WORKPLACE GIVING (\$1,000+)

Agile Physical Therapy Inc.
 Apple Matching Gifts Program
 Google Matching Gifts Program
 Microsoft Matching Gifts Program
 Select Equity Group Foundation
 UnitedHealth Group

INDIVIDUALS

CHAMPIONS OF THE REEF (\$10,000+)

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 Anonymous
 Anonymous
 The B & W Family Foundation
 David W. Blackburn
 Elizabeth Briskin
 Gayle B. Causey Depository Fund
 Jeff Chanin
 Francis H. Clougherty Foundation

Debbie and Steve Cohen
 Buzz and Cindy Danner
 The Gershen Fund
 Rita and Leo Greenland Family Foundation
 Charles Kung and Lisa Guerra
 John Hauswirth
 John and Jacque Jarve
 The KCS Pacific Foundation
 Shane and Vani Keil
 William O. and Anita B. Kerr
 The Lieberman Family
 Ellen and Jim Lussier
 The Chris and Melody Malachowsky Family Foundation
 Delle Maxwell and Patrick Hanrahan
 Janet and Andrew Miller
 Theresa Perenich
 Jim and Ginger Tolonen
 Robert Watt

GUARDIANS OF THE REEF (\$1,000+)

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 Anonymous
 Anonymous
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 Dr. Robert and Mrs. Elise Balcom
 Elizabeth Briskin
 Tyler Barker
 The Bear Gulch Foundation
 Anthony Birdsey
 Gary Block and Justine Johnson

Jeffrey Bohn
 Diana Bokaie
 Chloe Bremner
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 Camille Dull
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 Elissa Epstein

Jennifer and Scott Etter
 Beth Fabinsky
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 Dory and Melissa Gannes
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 Holli Gibson
 Jack P. and Debbie Gibson
 John E. and Cynthia J. Glancy
 Sandra Glenn
 The Jonathan P. Graham and Elizabeth B. Ulmer Fund
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 Lillian Fund
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 Omar Hammami
 Hampson Family Charitable Fund
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 Philippe Hartl
 David Heilbroner
 Jane Henson
 Johan Gerrit Hiddink

Phu Hoang and Tamar Fruchtmann
 Steven R Hoekman and Nancy J Bauer
 Craig Holmes
 Dean Howard
 Doug Huestis
 Betsy Hughes
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 Jewish Communal Fund
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 William Kissinger
 Marjorie Klayman
 Charles and Abby Kleman
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 Logan LaBonne
 Craig B. Laub
 LEAW Family Foundation
 Aileen Lee
 Irene Lee
 Helaine Lerner
 Sarah Livermore
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 Bradley Mart

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 Pamela Burns McCabe
 Jan McManus
 W. Scott and Judith N. McNary Charitable Fund
 Brian Miller
 Joe H. Miller
 Eugene Monnier
 Nancy Munro
 William Oberbeck
 Amrita Paul
 The Pittsburgh Foundation
 Julie Peper
 Anne Powell
 Pzena Investment Charitable Fund
 William J. and Rita Chang Quinlan
 Patricia and Robert Ragan
 Raymond James Global Account
 Nancy Rieger
 Gary and Jo Rhodes
 Amy Rosenberg and John Slafsky
 Mark Rovner and Shira Saperstein
 Jean C. Rudolph
 Heather Runes and Rodney Prell
 Mark Rygh
 Andrew Sarofim

Robert and Rachel Sartin
 Tim and Robyn Schaiff
 Thomas and Hilary Schroeder
 Liz Schwarzbach
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 Ellen Smolka and Tom Wolf
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 The Bernard and Anne Spitzer Charitable Trust
 Stefan Taubert and Helena Ju Marjorie Thomas
 David Tilles
 Peter Tilton
 Paul S. Tischler
 Donna and John Todt
 Shannon Downey Turpin
 Jon and Nicole Ungar
 Upper Rockridge Neighborhood Association
 Marshall Vingi
 Albert Vor Keller
 Patricia Wade
 Dilip Wagle
 C. Elizabeth Wagner
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 Julie Watt
 The Emanuel and Anna Weinstein Foundation
 Beth Wendel and Randall Ferguson
 Debi and Wes White
 Sonja Wilder

Mark Winnett
 The Wolfe Foundation
 Bob and Leone Woods
 Sherry Wren
 Jeff Yonover
 Katharine and John Youngblood
 Dina Zimmerman

IN HONOR (\$1,000+)

Robert Cash
 Katherine Dines
 Colleen D. and Paul D. Gormley
 Julia Gronski
 Jennifer Kim
 Elise Rabekoff and Chris Gladstone
 Bryan Rolfe
 Liz Schwarzbach
 Grant Sullivan
 Elna Tsao

IN MEMORY (\$1,000+)

ACT For Alexandria
 Anthony Birdsey
 Robin Boyer
 Teresa Caradonna
 Buzz and Cindy Danner
 Richard S. and Danielle L. Glacken
 Byron Kay
 Robert Moriarty

Sal Nodjoman
 Michele Papo
 Robert Pinto
 Katherine Scott
 Roshan and James Strong
 Julie and John Tanner
 Greg White
 Lisa Williams

Our CORAL team is thrilled to receive gifts of all sizes - every dollar we receive enables us to do reef-saving work around the globe. Over the last year, 2,891 donors from 50 different states and 31 different countries (including the United States) gave between \$1 and \$999. These donors gave a total of \$323,254. 300 of them were brand new to our organization and 80 of them gave through their workplace. And 294 of these donors increased their giving between 2018 and 2019. We are so grateful to all of you and sincerely appreciate your commitment to conservation.
 - Dory Gannes, Development director

In 2019, we celebrated another year as recipients of a Gold Seal of Transparency from GuideStar and a 4-star rating from Charity Navigator, the highest possible ranking awarded to nonprofit organizations who demonstrate strong financial health and commitment to accountability and transparency. This was our 7th consecutive 4-star evaluation from Charity Navigator, making CORAL amongst the top 6% of charities evaluated and outperforming most other nonprofits in the United States.

As our financial statements demonstrate, more than three-quarters of our total expenses directly benefited our global conservation efforts, with less than 10% being spent on administrative costs (excluding fundraising costs).

While our revenue last year was less than the previous year, it was due in part to the fact that we had carryover funds from several large, multi-year grants that were recorded previously. Thus, the total revenue in 2019 does not indicate the available funding from these multi-year grants that are still active.

As CORAL enters the 2020 fiscal year, we maintain a healthy net asset balance that allows us to move our work forward confidently as we scale our impact globally in the years ahead.



William Kerr, Ph.D.
TREASURER

2019 STATEMENT OF ACTIVITIES

REVENUE AND SUPPORT

Individual and corporate contributions.....	1,271,655
Foundation and government grants.....	1,130,228
Other revenue.....	75,359
Total revenue and support:	2,477,242

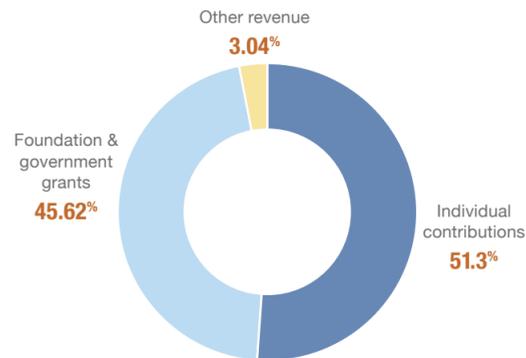
EXPENSES

Program services.....	2,509,550
Management & general.....	329,591
Fundraising.....	651,188
Total expenses:	3,490,329

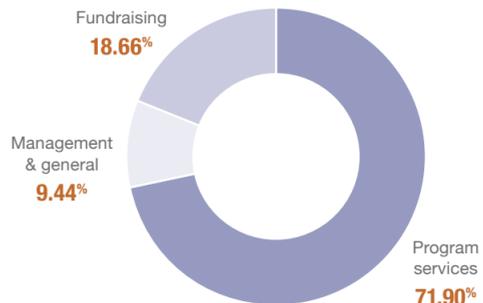
NET ASSETS

Change in net assets.....	-1,013,087
Net assets, beginning of year.....	2,988,228
Net assets, end of year.....	1,975,141

SUPPORT AND REVENUE



EXPENSES



2019 LEADERSHIP AND STAFF

BOARD OF DIRECTORS

- John Anner
BOARD CHAIR
- William Kerr, Ph.D.
TREASURER
- Elizabeth Wagner, Esq.
SECRETARY
- Michael Bennett
- Jeffrey Chanin
- Vani Keil
- Aileen Lee
- Jim Lussier
- Kirby Ryan
- Jim Tolonen
- Rob Watt

CORAL SENIOR STAFF

- Madhavi Colton
PH.D., EXECUTIVE DIRECTOR
- Michael Webster
PH.D., SENIOR ADVISOR
- Dory Gannes
DEVELOPMENT DIRECTOR
- Rusty Kelly
MARKETING DIRECTOR
- Danielle Knight
FINANCE AND ADMINISTRATION DIRECTOR
- Diana Sokolove
CONSERVATION PROGRAMS DIRECTOR
- PROGRAM TEAM**
- Tanya Amaya
PROGRAM MANAGER, MESOAMERICAN REGION
- Paolo Guardiola
PROGRAM COORDINATOR, MESOAMERICAN REGION

- Jos Hill
ASSOCIATE PROGRAM DIRECTOR, HAWAII
- Sheyla Maldonado
ADMIN. AND FINANCE COORDINATOR, MESOAMERICAN REGION
- Jennifer Myton
ASSOCIATE PROGRAM DIRECTOR, MESOAMERICAN REGION
- Pamela Ortega
PROGRAM MANAGER, MESOAMERICAN REGION
- Erica Perez
PROGRAM MANAGER, HAWAII
- Javier Pizaña-Alonso
PROGRAM MANAGER, MESOAMERICAN REGION
- Antonella Rivera, Ph.D
PRINCIPAL SCIENTIFIC ADVISOR, MESOAMERICAN REGION
- Julio San Martín Chicas
PROGRAM COORDINATOR, MESOAMERICAN REGION
- Alicia Srinivas
ASSOCIATE PROGRAM MANAGER
- Larissa Treese
PROGRAM COORDINATOR, HAWAII

- Jennifer Vander Veur
PROGRAM MANAGER, HAWAII

DEVELOPMENT TEAM

- Megan Crain
DEVELOPMENT OPERATIONS COORDINATOR
- Natalie Scarlata
ASSOCIATE DEVELOPMENT DIRECTOR, GRANTS
- Daron Willison
DEVELOPMENT MANAGER

MARKETING AND COMMUNICATIONS TEAM

- Yasmeen Smalley-Norman
MARKETING AND COMMUNICATIONS MANAGER

FINANCE AND ADMINISTRATION TEAM

- Kristi Jones
ACCOUNTANT
- Kehtzia León-Cervantes
HUMAN RESOURCES AND OPERATIONS COORDINATOR

CORAL INTERNATIONAL COUNCIL

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- Chrissie Bowen
- Linda Cain
- Joe Casale
- Steve Cohen
- Sarah Freiermuth
- Cindy Glancy
- John Hauswirth
- Alex Kreston
- Jill Kreston
- Bradley Mart
- Donna Miller
- Julian Osinski
- Ruth Shapiro





CORAL REEF ALLIANCE

CORAL MAIN OFFICE: Coral Reef Alliance, 1330 Broadway, Suite 600, Oakland, CA 94612, 1.888.CORAL.REEF

