



Reef Resilience Network

ACCELERATING LEARNING & ACTION TO IMPROVE REEF MANAGEMENT GLOBALLY



A GLOBAL LEARNING & EXCHANGE NETWORK

The Reef Resilience Network connects marine managers and practitioners with peers, tools, knowledge, and global experts to innovate and promote solutions for improved management, conservation, restoration, and sustainable financing of coral reefs around the world.

To achieve this, we:

- Synthesize and share the latest science and management strategies to keep busy managers in-the-know
- Connect managers and experts to share resources and lessons learned, and inspire greater collaboration
- Provide training, technical assistance, and seed funding to catalyze action on-the-ground and in-the-water

Since 2005, we've provided in-person and online training to managers in **83%** of the 103 countries and territories with coral reefs, increasing effective management of **22 million reef hectares**

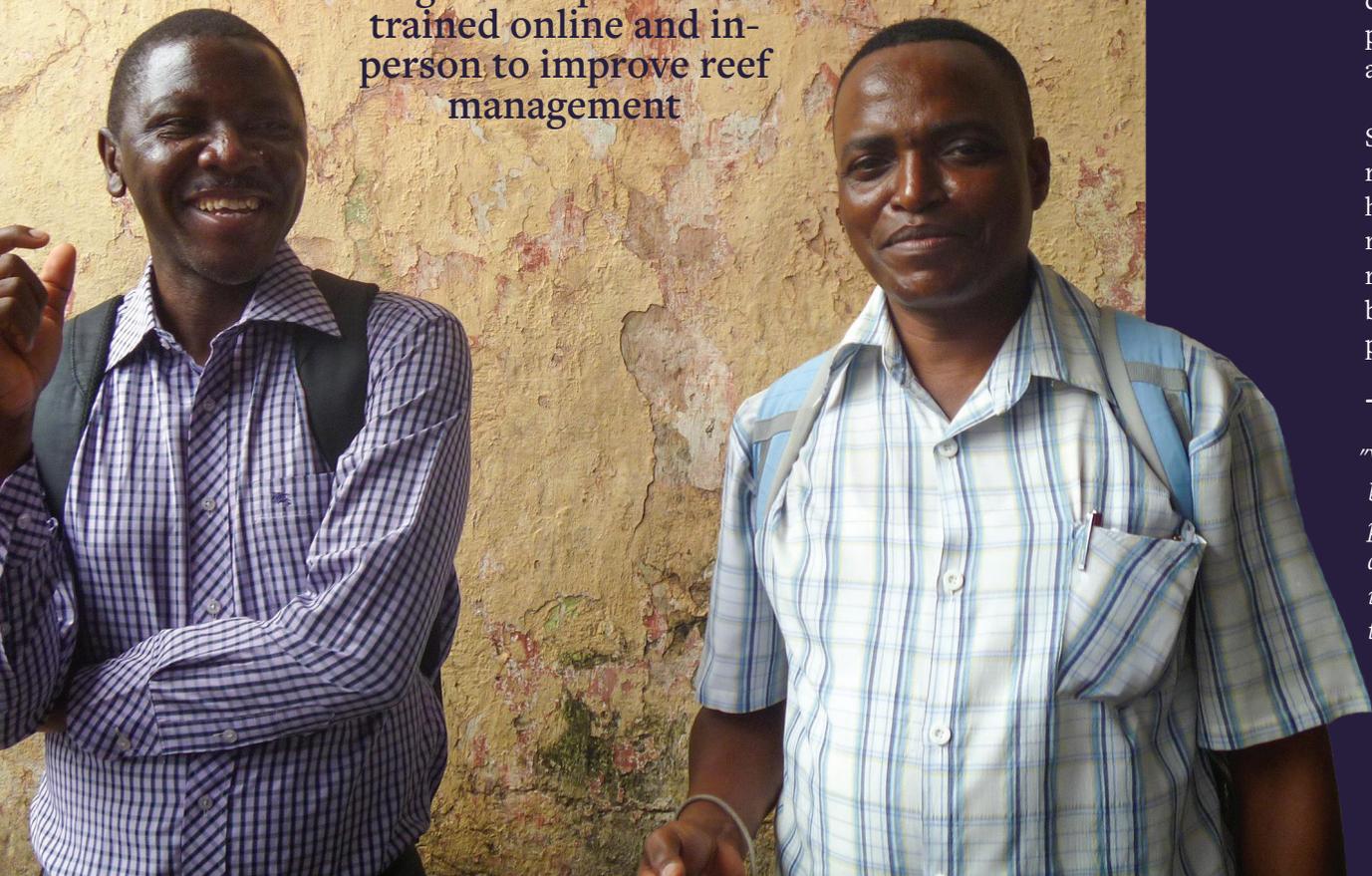
The Caribbean



- 
-  Coral reef locations
 -  Countries and territories that have received training from the Reef Resilience Network

34,000+

managers and practitioners
trained online and in-
person to improve reef
management



BUILDING CAPACITY FOR EFFECTIVE MANAGEMENT

Managers need training and support to incorporate resilience concepts into their management strategies and regulatory policies, and to share knowledge and expertise within and across regions.

Support from the Network results in conservation action for reefs through the more than 34,000 trained managers who have developed and implemented coral bleaching and disease response plans; used reef monitoring protocols to inform resilience-based management; applied tools for community-based climate adaptation; designed and managed marine protected areas; and more.



"With new skills and funding from the Network, I hosted a workshop bringing together 35 representatives from 7 villages who depend on park resources. We discussed challenges facing our park and ideas to address these challenges. Now village representatives join park staff in the patrol boat to help us monitor and enforce. Now they feel like they are a part of the park and the park helps provide jobs."

—Haji Mahingika, Senior Marine Warden,
Mafia Island Marine Park

“Paco’s project has been extremely successful. With training and a small amount of funding he was able to start a project that has a huge impact on the nearby coral reef.”

–Aurora Justiniano, Puerto Rico Coral Reef Conservation and Coastal Zone Management Liaison, NOAA



MANAGER SPOTLIGHT: PACO LOPEZ, PUERTO RICO

Meet Network manager and artist Paco Lopez (far right). With training, funding, and mentorship from the Network, Paco developed a cooking oil recycling program to protect Puerto Rico’s reefs from pipe back-ups and damaging wastewater spills. Paco created an illustrated manual and hosted site visits to persuade residents near the Isla Verde Marine Reserve to properly dispose of cooking oil, keeping wastewater off the Reserve’s 94 hectares of reefs. Due to the success of the program, Paco is expanding it to municipalities in two other San Juan regions with coral reefs.



MANAGER SPOTLIGHT: WHITNEY HOOT, GUAM

With training and support from the Network, Whitney Hoot coordinated the development of a comprehensive reef resilience strategy for Guam and created outreach materials to build support for the plan with government officials. In June 2019, the Government of Guam formally adopted the Guam Reef Resilience Strategy (GRRS), calling for its immediate implementation. The GRRS is now being used to guide coral reef management and allocate funding for Guam's 22,500 hectares of reef.



“When I started as a coral fellow, I knew I had to write a resilience strategy, so I took the Introduction to Reef Resilience course, then the advanced resilience and communication courses. These training opportunities have been invaluable to my job and career. As managers, we’re often told to read the literature, but we don’t have time. What I really love about the Reef Resilience Network is that it effectively walks the line between being technical and accessible.”

–Whitney Hoot, Coral Reef Resilience Coordinator,
Guam Bureau of Statistics and Plans



970,000+

people visit our website annually

29,000+

webinar recordings viewed

KNOWLEDGE IS POWER

To make sure busy managers have access to the most recent science and management strategies—and are challenged and inspired by new ideas—our online toolkit places relevant and reliable information at their fingertips. Created and updated by global experts in coral reefs, fisheries, climate change, and more, the toolkit features:

- More than 200 webpages and six comprehensive online courses synthesizing the latest science and strategies on reef management, conservation, and restoration
- Easily searchable summaries of 200+ journal articles about reef resilience science
- A database of case studies highlighting successful management strategies from 40+ countries & territories
- Webinars (interactive and recorded) on key topics and innovative strategies



"The Reef Resilience Network is the go-to website for academics, managers, and practitioners seriously interested in any aspect of conservation or restoration of coral reefs."

-Dr. Anastazia Banaszak, Integrative Reef Conservation Research Lab,
Instituto de Ciencias del Mar y Limnología,
Universidad Nacional Autónoma de México



7,820+

MANAGERS AND PRACTITIONERS
ACTIVELY ENGAGED WITH EACH
OTHER AND GLOBAL EXPERTS
THROUGH LIVE WEBINARS AND
OUR ONLINE DISCUSSION FORUM

CONNECTING TO INFORM & INSPIRE

Managers and leading experts from around the world are brought together to share ideas, experiences, and expertise, and to inspire action. Connections are made both in-person and online through Network-hosted learning exchanges and interactive webinars on hot topics in marine resource management. We also host the Network Forum, an online member-only discussion forum where managers and practitioners share ideas and resources, ask questions, and support each other.



"The Reef Resilience Network is an invaluable resource for resilience practitioners and MPA managers looking to operationalise resilience-based management. From practice notes and guidelines to webinars and online training courses, the RRN consistently collates leading-practice examples and thought-leadership from the field and presents them in ways that are relevant and practical for on-water managers."

—Joel Johnsson, Chief Resilience Officer,
Department of Biodiversity, Conservation and Attractions
(Resilient Reefs Initiative, Ningaloo, Australia)



CATALYZING SCIENCE & POLICY TO PROTECT REEFS

Network scientists and partners have developed seminal scientific papers and best practice manuals to guide restoration, resilience assessments, resilience-based management, strategic communication, and more. From addressing key research and resource gaps to supporting enabling environments for reef protection and restoration, the Network team is building the capacity of reef managers to influence policies that better protect and conserve reefs. The Network team also supports global policy efforts to protect and restore reefs through the International Coral Reef Initiative (ICRI).



"The Reef Resilience Network is a key partner in our work with Nations and organizations to preserve coral reefs. We rely on their capacity-building activities and opportunities for the ICRI network and their participation and guidance in key working groups as we highlight the importance of coral reefs on the global policy stage."

—Francis Staub, Coordinator,
International Coral Reef Initiative Secretariat



PARTNERING FOR GREATER IMPACT & INNOVATION

The Network partners with other global leaders to accelerate the development and dissemination of urgently needed tools to address the most significant challenges to reefs today and to guide managers as they adopt and apply them. Key collaborations include:

- **Launching an updated Coral Reef Resilience Online Course** – a hallmark of the Network – in collaboration with the International Coral Reef Initiative (ICRI)
- **Developing tools for managers to address ocean wastewater pollution**, including a wastewater pollution online toolkit, course, and webinar series in collaboration with the Ocean Sewage Alliance and the National Oceanic and Atmospheric Administration
- **Piloting holistic resilience-based management** in five UNESCO World Heritage marine sites through the Resilient Reefs Initiative with the Great Barrier Reef Foundation
- **Expanding the application of restoration best practices**, globally through our work with the Coral Restoration Consortium, Australia's Reef Restoration and Adaptation Program, and ICRI; in the Western Indian Ocean through a partnership with TNC Africa; and in U.S. coral jurisdictions with NOAA and the U.S. Environmental Protection Agency



JOIN US!

Toolkit: www.reefresilience.org

Email: resilience@tnc.org

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The Nature
Conservancy 

 NOAA
CORAL REEF
CONSERVATION PROGRAM