

No more
ocean dumping.
Keep our poop
in the loop.



Unlock the
power of our
waste.

Keep Poop in the Loop: A Global Sewage Treaty for Our Ocean



Welcome + Introductions

- The Sewage Problem
- Meet the Global Sewage Treaty
- Coral Reef Alliance Successes and Solutions
- Questions & Answers





**It's 1 pm, do you know
where your sewage is?**

48% of global wastewater
is released into the
environment **untreated**

**The ocean does not respect
map boundary lines.
Neither does sewage pollution.**

THE PROBLEM

We are used to
seeing plastic
pollution



New Orleans, Louisiana, USA

**But what does sewage
pollution look like?**

THE PROBLEM



Lake Windermere, UK

Raw sewage poured into Windermere for 17 hrs/day in 2025

THE PROBLEM



Florida, USA

Can an MPA really be protected if its water quality is polluted with sewage?

Nope. 🍌

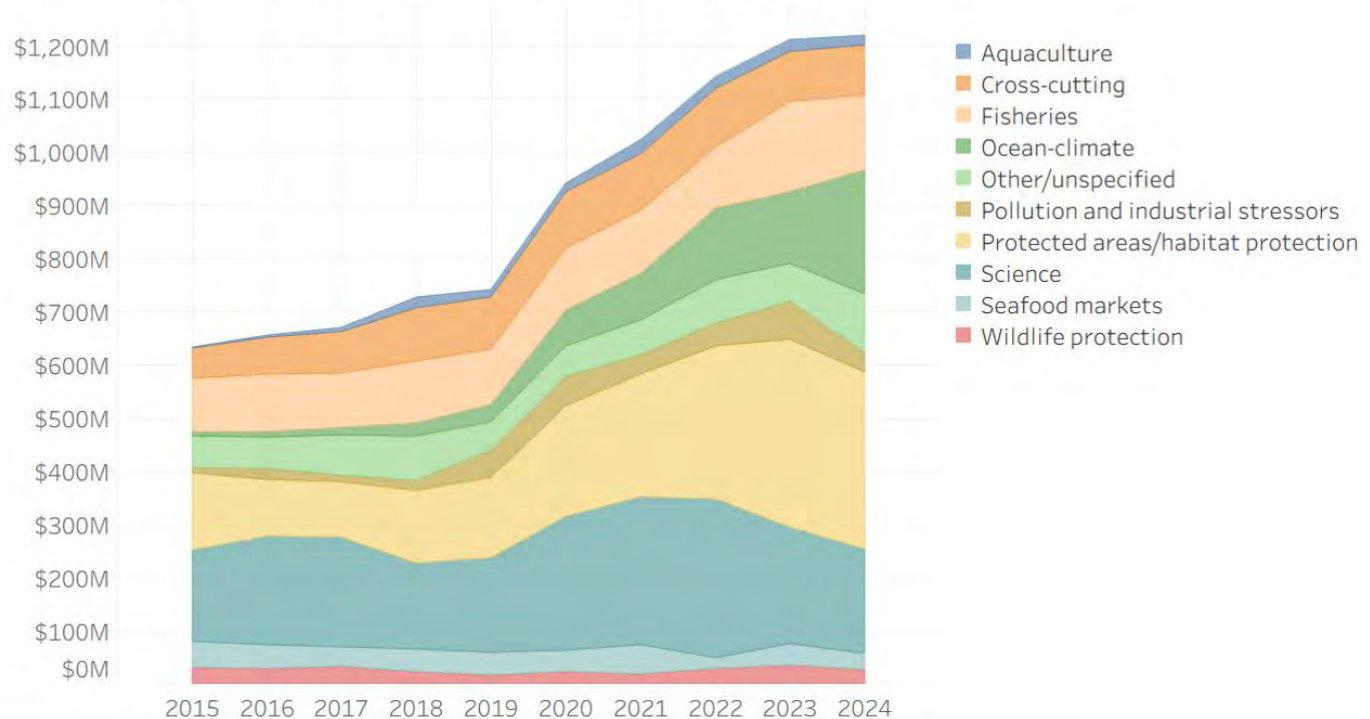
**Sewage pollution is one of
the most **solvable** global
challenges we face.**

**Sewage pollution is a
climate change issue.**

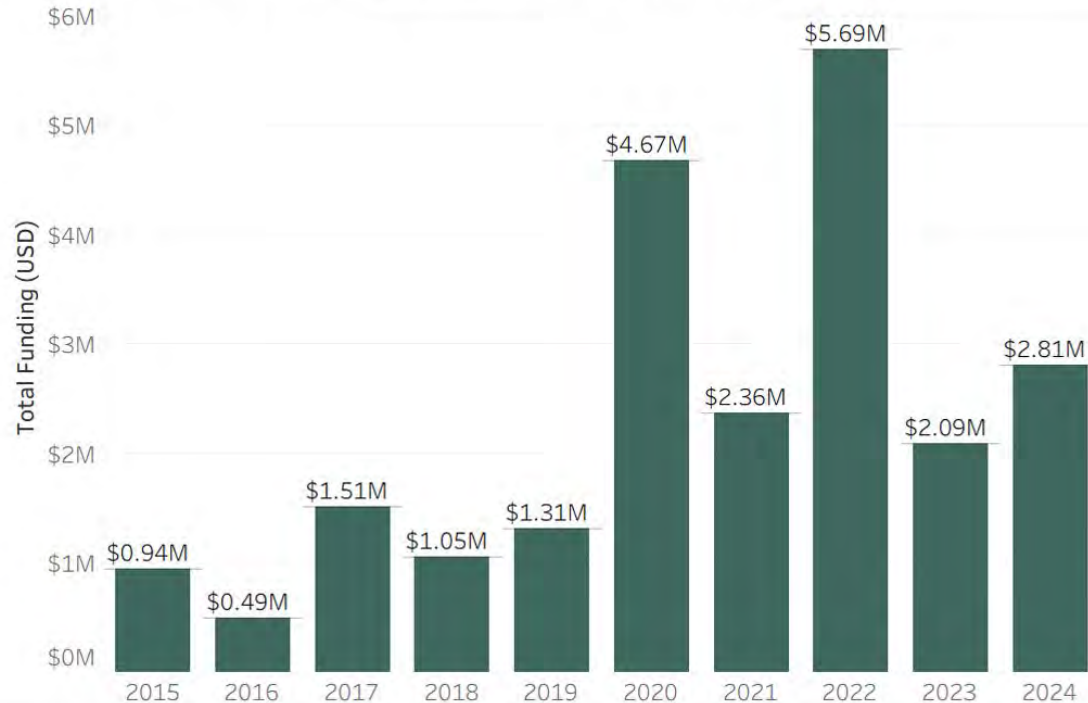
**Sewage management is a
key component of **public**
health management.**

**We can't reduce our way out
of the sewage problem.**

Total Ocean Funding by Issue Area (2015-2024)



Total Sewage Funding Over Time (2015-2024)



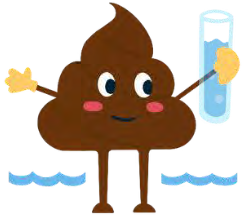
Sewage pollution is a solvable problem.

Sign the Action Pledge

A hand with purple-painted nails holds a green sign with a white border. The sign is positioned in the foreground, partially overlapping the ocean scene. The background shows a cross-section of the ocean with waves, fish, coral, and a pipe discharging brown sewage into the water.

GLOBAL
SEWAGE
TREATY

GLOBAL SEWAGE TREATY



**Build Strong
Monitoring
Systems**



**Set
International
Targets**



**Update
Regulatory
Standards**



**Strengthen
Governance &
Enforcement**



**Unlock
Innovative
Financing**



**Promote
Nature-Based
Solutions**

Solving sewage pollution has cascading benefits that improve public health, biodiversity, climate resiliency and SO. MUCH. MORE.



A woman with dark hair, wearing a bright red double-breasted dress, is shown from the waist up. She is holding a black microphone in her right hand and has her left arm raised in a celebratory gesture. Her mouth is wide open as if shouting or singing. The background is a blurred indoor setting with wooden paneling and a blue screen at the top.

You get a win!

You get a win!

You get a win!

Everyone gets a win!

GLOBAL SEWAGE TREATY



WWW.GLOBALSEWAGETREATY.ORG



**Our mission
is to save
the world's
coral reefs.**

Jenny Myton



Global Lead, Protected Areas and Clean Water Solutions





Coral reefs are critical marine ecosystems with three main components:



Thousands of tiny little animals called **coral polyps**



A **hard or rocky foundation** upon which corals can attach themselves



Millions of **related animal species** that use the hard foundations and corals for food and shelter



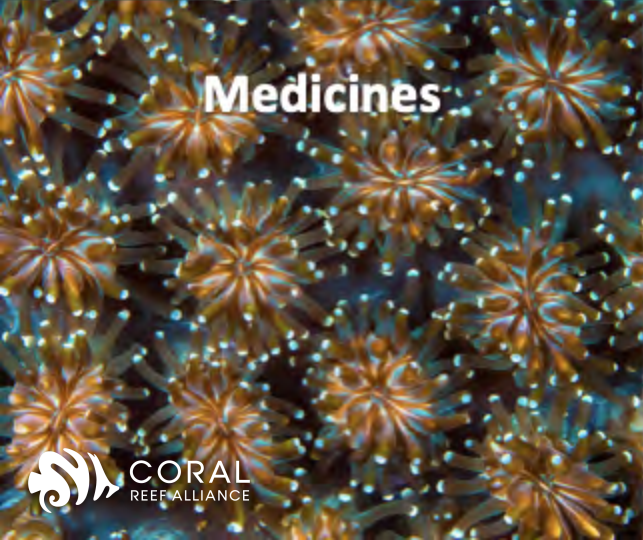
Shoreline Protection



Fisheries



Tourism



Medicines

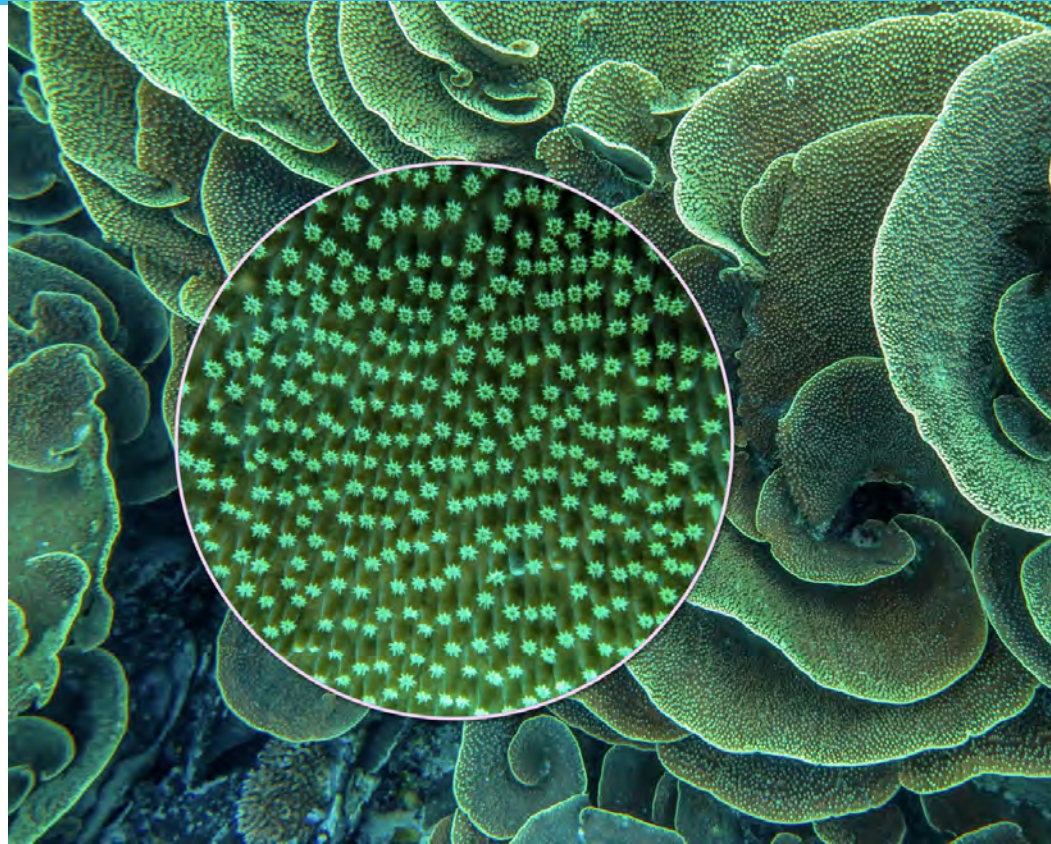


Carbon Sequestration



People

They're alive! What's a coral polyp?



CORAL BLEACHING

Have you ever wondered how a coral becomes bleached?

HEALTHY CORAL

1 Coral and algae depend on each other to survive.



Corals have a symbiotic relationship with microscopic algae called zooxanthellae that live in their tissues. These algae are the coral's primary food source and give them their color.

STRESSED CORAL

2 If stressed, algae leaves the coral.



When the symbiotic relationship becomes stressed due to increased ocean temperature or pollution, the algae leave the coral's tissue.

BLEACHED CORAL

3 Coral is left bleached and vulnerable.



Without the algae, the coral loses its major source of food, turns white or very pale, and is more susceptible to disease.



MacArthur
Foundation

DePue
University

Duke
University

Why do coral reefs need clean water?

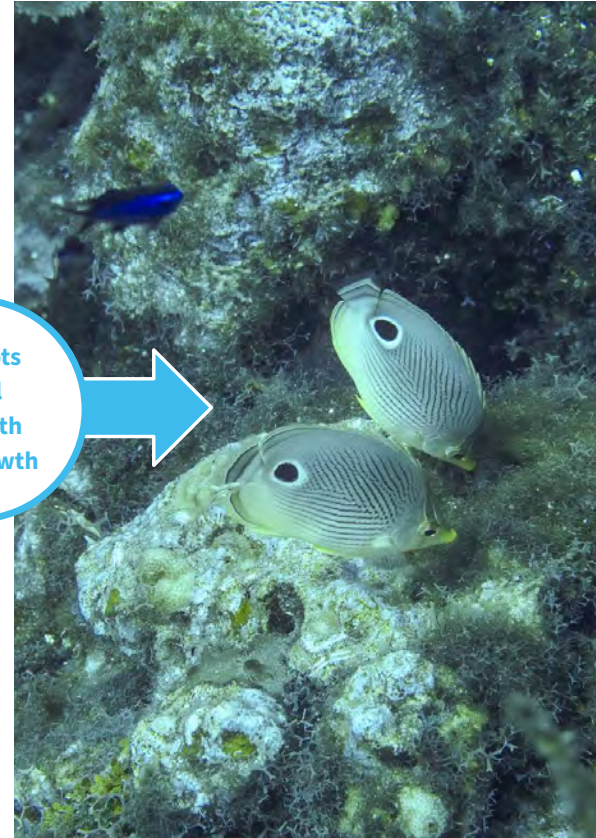


Untreated
sewage &
agricultural
runoff

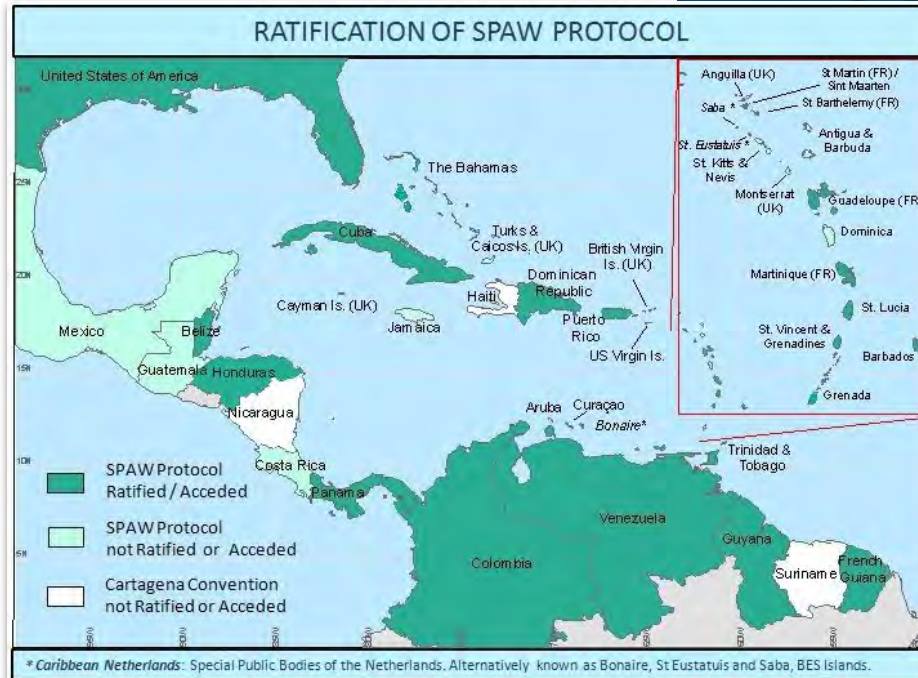
Nutrient
pollution

Increase in
fleshy
macroalgae

Disrupts
coral
strength
and growth



The Land-Based Pollution Protocol of the Cartagena Convention



Coral Reefs & Sewage Pollution

Sewage pollution and coral reef stewardship

Wear & Thurber



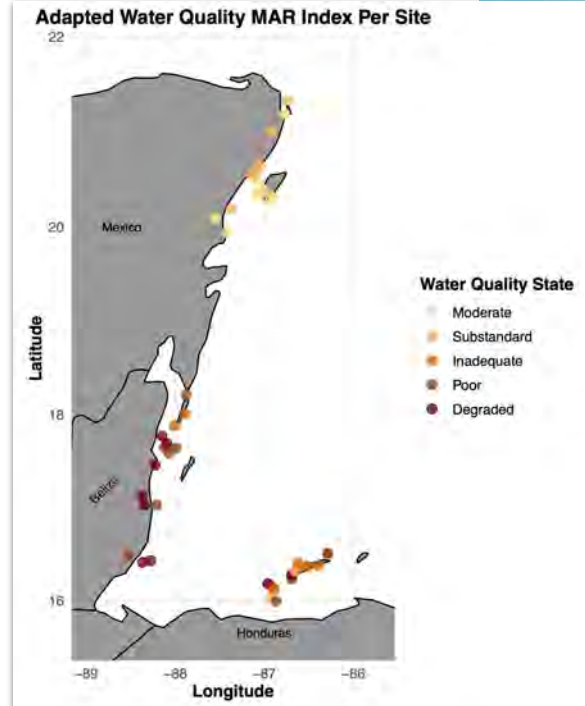
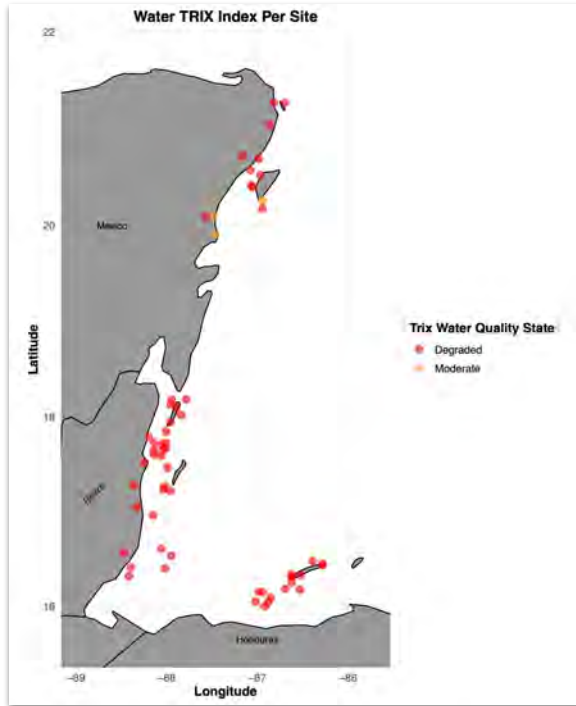
Figure 2. Global map showing 104 of 112 distinct coral reef geographies listed in the World Atlas of Coral Reefs⁷ (including 80 countries, 6 states, and 26 territories) with documented coastal sewage pollution problems.

First Region-Wide Water Quality Study

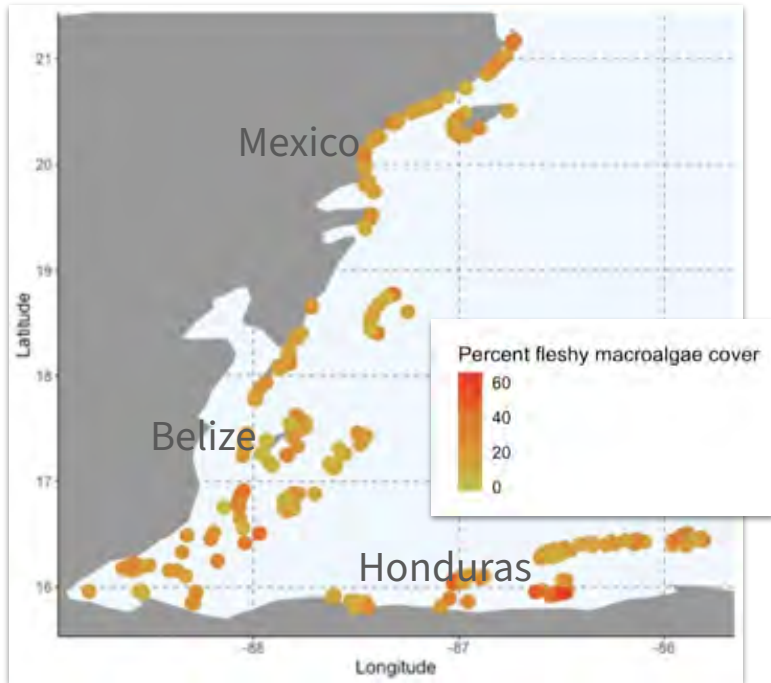
- August 2021 – September 2022
- 3 countries, 90 sites (45 reef & 45 beach), 35,000 data points
- Created a baseline for the region, produced 2 water quality campaigns, 1 infographic and 3 policy briefs for national governments



Region-Wide Data Results



Region-Wide Data Results



Case Study: West End, Roatan

- **Since 2011**, CORAL has enabled wastewater treatment solutions, keeping **~33M gallons of untreated sewage** out of the ocean annually.
- **Success Story:** Half Moon Bay's Blue Flag
- From **2025–2030**, we will keep **~400M gallons** of untreated sewage out of the water across four new locations.







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Q&A

