

The image features four distinct pieces of coral against a light blue background. The top-left piece is yellow, the top-right is white, the bottom-left is pink, and the bottom-right is teal. Each piece has a porous, branching structure. Centered in the image is the text "LET'S RESTORE THE COLOR OF OUR OCEANS" in a bold, brown, outlined font.

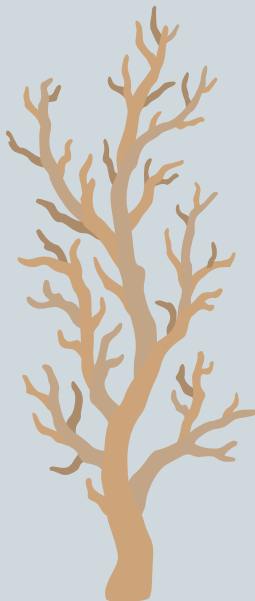
LET'S RESTORE THE
COLOR OF OUR OCEANS

CORAL REEFS

Coral reefs are vital marine ecosystems, rich in biodiversity. They provide essential ecosystem services and support livelihoods.

What's killing our reefs?

- **Climate Change Impacts:**
 - Rising ocean temperatures
 - E.g Marine heat waves
- **Disease Outbreaks:**
 - Unprecedented disease outbreaks
 - E.g: Stony coral tissue loss disease
- **Pollution and Runoff:**
 - Land-dwelling sources of pollution
 - E.g: pollution from coastal development in urban areas (baja california)
- **Overfishing and Unsustainable Practices:**
 - Overfishing and destructive practices
 - E.g: blast fishing and cyanide fishing
- **Ocean Acidification:**
 - Fact: Increased carbon dioxide in atmosphere lead to ocean acidification,
 - E.g: hard corals, struggle to maintain their structures in acidic waters.

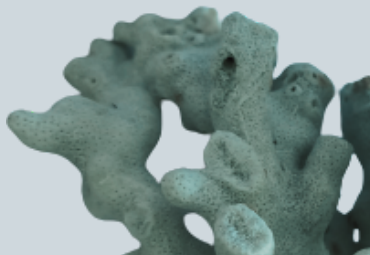
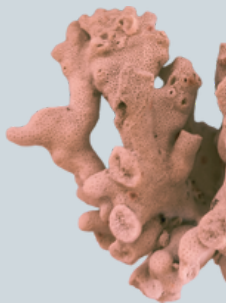


A few conservation strategies:

- **Adaptive fishing strategies:**
 - Local divers and community members monitor marine ecosystems, adapting fishing strategies based on scientific data.
- **Community-led Disease Monitoring and Treatment:**
 - Communities actively monitor coral diseases, identify affected corals, and implement treatment measures.
- **Coral Nurseries:**
 - Fragments of healthy corals are cultivated in underwater nurseries, and transplanted back into depleted reefs, aiding in their restoration.
- **Marine reserves:**
 - Communities establish voluntary marine reserves to protect coral reefs so they can thrive undisturbed.
- **Selective Fishing Practices:**
 - Targeting specific species and sizes and avoiding non-target species, reducing bycatch and preserving coral reefs.

10 WAYS TO PROTECT CORAL REEFS

1. Reduce Plastic Use
2. Conserve Water
3. Dispose of Waste Properly
4. Choose Sustainable Seafood
5. Practice Responsible Boating
6. Reduce your carbon footprint
7. Participate in Beach Clean-ups
8. Don't buy coral as presents
9. Support Conservation Organizations
10. Raise Awareness



CALL TO ACTION

Coral reefs. These fascinating ecosystems are not only examples of nature's beauty; they also provide vitality to our oceans by supporting a wide variety of marine organisms and coastal populations. However, the threat posed by climate change, pollution, overfishing, and unsustainable practices has this thriving undersea world under siege.

Our actions will determine the future of our coral reefs. Let us be the generation that battled and stood up for these priceless natural beauties.

Together, let's script a story of resiliency, hope, and rebirth, one in which coral reefs mimic the splendor and majesty of our natural environment while thriving and surviving.



Instagram post

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50shadesofgreen_mx

50shadesofgreen_mx Day 12: OCEANS (greenest challenge)

Coral reefs, our ocean's lifeblood, are endangered, we need to work together to safeguard these vital ecosystems, preserving their beauty and benefits for our planet's future.

@turninggreenorg @onlyone #pgc2023

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