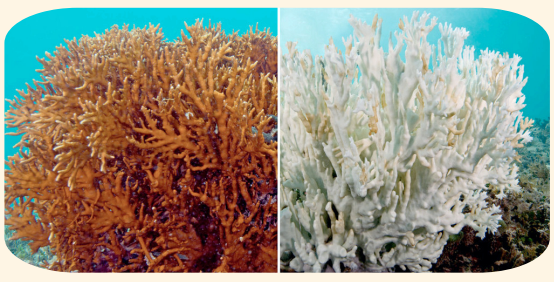
CORAL BLEACHING

Recent studies link increased carbon emissions to ocean acidification— a process that accelerates coral bleaching. In order to improve reef productivity, sustainable energy sources & coral-building technology should be introduced.

75%

of global reefs suffered from mass bleaching-level heat stress from 2014 to 2017.



According to NOAA

A study from The International Coral Reef Initiative (ICRI) found that

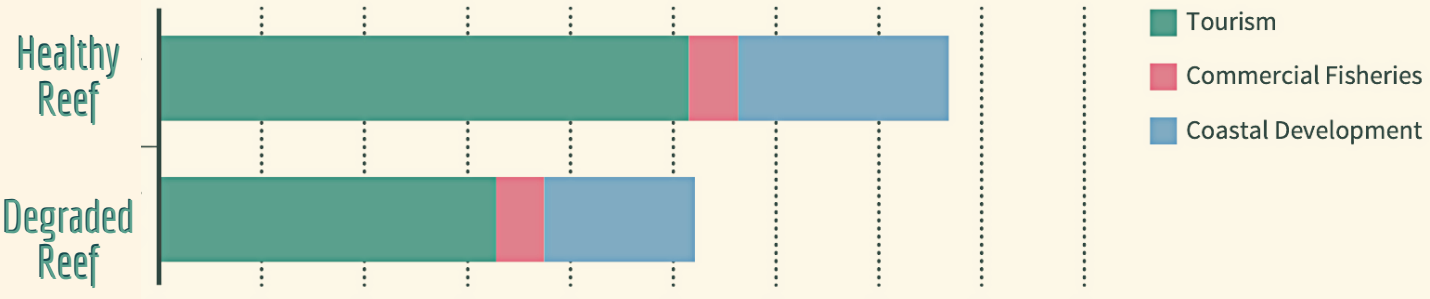
>500

million people depend on coral reefs for food, income, coastal protection, and more.

Research shows that

75%

of reef species decline in abundance due to bleaching.



Global Warming

1/3 of humanity's carbon & 90% of excess heat is absorbed by oceans

Ocean Acidification

ocean acidity has increased 25% since preindustrial times

Coral Bleaching

over 70% of reefs have been damaged worldwide

Loss of Aquatic Biodiversity

reef biodiversity has dropped by 63% worldwide

What can be done?

. Long term, coral-friendly government policies and regulations must be set, but for now, emerging tech such as Biorock™ can be a helpful shorter term solution.

. -Biorock™ helps coral regrow 2-10 times faster than other regrowth methods

Biorock™

Biorock uses charged steel rods formed into structures to enhance the settlement, growth, & health of aquatic organisms/ecosystems.

Donate

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https://coral.org/en/donate/