

DID YOU KNOW?



**CAR TIRES ACCOUNT
FOR UP TO 10% OF
GLOBAL OCEAN
PLASTIC POLLUTION**

**NEW HAVEN
CLIMATE
MOVEMENT**

DeCARbonize the Oceans!!!

DID YOU KNOW?



**AIR POLLUTION FROM
FOSSIL FUEL CARS
CONTRIBUTES TO ACID
RAIN AND DETERIORATED
WATER QUALITY**

**NEW HAVEN
CLIMATE
MOVEMENT**

DeCARbonize the Oceans!!!

DID YOU KNOW?



**HEAVIER VEHICLES CAUSE
MORE TIRE AND BRAKE
WEAR, INCREASING
MICROPLASTIC POLLUTION
IN OCEANS**

**NEW HAVEN
CLIMATE
MOVEMENT**

DeCARbonize the Oceans!!!

DID YOU KNOW?



**A TYPICAL VEHICLE EMITS ABOUT
4.6 METRIC TONS OF CARBON
DIOXIDE ANNUALLY,
CONTRIBUTING TO GLOBAL
WARMING AND OCEAN
TEMPERATURE RISE**

**NEW HAVEN
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MOVEMENT**

DeCARbonize the Oceans!!!

DID YOU KNOW?



**THE OCEAN ABSORBS
ALMOST 30% OF CARBON
DIOXIDE (CO₂) EMISSIONS
FROM HUMAN ACTIVITIES**

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DID YOU KNOW?

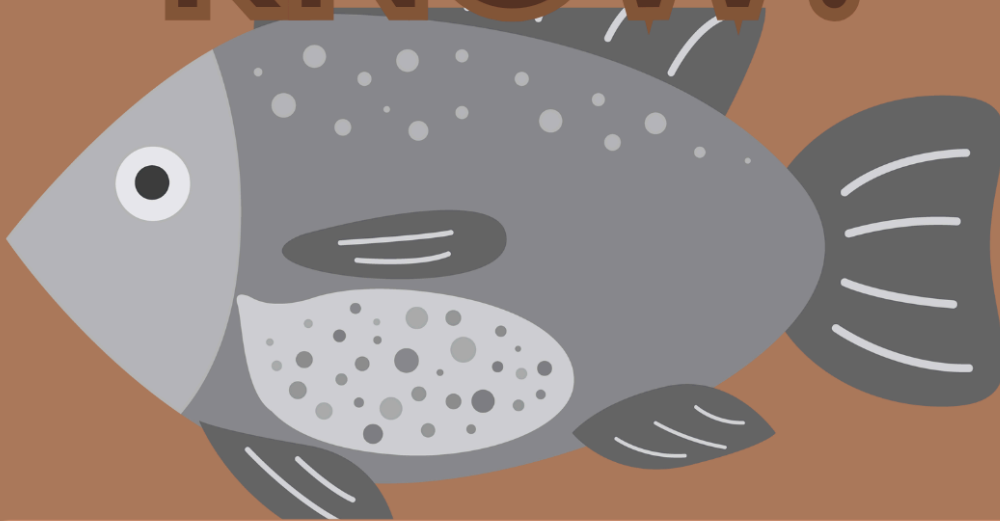


**POLLUTION FROM VEHICLE
EMISSIONS FALLS BACK TO THE
EARTH AND IS TRANSPORTED BY
RUNOFF AND GROUNDWATER
INTO STREAMS AND RIVERS**

**NEW HAVEN
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DID YOU KNOW?



**OCEAN POLLUTION FROM
VEHICLES LEADS TO
CONTAMINATED SEAFOOD
CONSUMED BY HUMANS,
POSING HEALTH RISKS**

**NEW HAVEN
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DID YOU KNOW?



**1.5 MILLION TONS OF NITROGEN
OXIDES ARE RELEASED FROM CAR
TAILPIPES AND ARE ABSORBED BY
THE OCEAN, WHICH DEPLETES
OXYGEN LEVELS AND KILLS
MARINE LIFE**

**NEW HAVEN
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DeCARbonize the Oceans!!!

DID YOU KNOW?



**OVER 1.4 BILLION TIRES ARE
DISCARDED ANNUALLY, WITH A
PORTION ENTERING
WATERWAYS AS NON-
BIODEGRADABLE WASTE**

**NEW HAVEN
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DeCARbonize the Oceans!!!

DID YOU KNOW?



**THE U.S. TRANSPORTATION
SECTOR EMITS 29% OF TOTAL
GREENHOUSE GASES,
CONTRIBUTING TO OCEANIC
CLIMATE STRESS**

**NEW HAVEN
CLIMATE
MOVEMENT**

DeCARbonize the Oceans!!!



DECARBONIZE THE OCEANS

Source: National
Institutes of Health



Did You Know?



**Subsistence fishing is threatened
by climate change. For example,
salmon important to indigenous
groups are dying.**

NEW HAVEN
CLIMATE
MOVEMENT

DECARBONIZE THE OCEANS

Source: EPA



Did You Know?



Harmful algal blooms (HABs) block light, causing organisms to die. HABs are currently increasing because of climate change.



DECARBONIZE THE OCEANS

Source: World
Meteorological
Society



Did You Know?



Sea-level rise has accelerated due to climate change. On average, sea levels are rising more than 4.5 millimeters per year.



DECARBONIZE THE OCEANS

Source: National
Institutes of Health



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Source: EPA



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Source: World
Meteorological
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DECARBONIZE THE OCEANS

Source: United Nations



Did You Know?



**More than half of the world's
marine species may be on the
brink of extinction by 2100
because of climate change.**

Did You Know?



Climate change is changing water temperatures, which can damage coral by bleaching. Coral is home to many organisms.