



OUR WORLD OCEAN provides

- THE AIR WE BREATHE**: >50% The ocean produces over half of the world's oxygen and stores 50 times more carbon dioxide than our atmosphere.
- CLIMATE REGULATION**: 70% Covering 70% of the Earth's surface, the ocean transports heat from the equator to the poles, regulating our climate and weather patterns.
- TRANSPORTATION**: 76% Percent of all U.S. trade involving some form of marine transportation.
- RECREATION**: From fishing to boating to kayaking and whale watching, the ocean provides us with so many unique activities.
- ECONOMY**: \$282 billion Amount the U.S. ocean economy produces in goods and services. Ocean-dependent businesses employ almost 3 million people.
- FOOD**: The ocean provides much more than just seafood. Ingredients from the sea are found in surprising foods such as peanut butter and soy milk.
- MEDICINE**: Many medicinal products come from the ocean, including ingredients that help fight cancer, arthritis, Alzheimer's disease, and heart disease.

Oil Spillages: Did you know?

UNEP PROGRAMME

FACTSHEET JULY 2016

The Wider Caribbean Region (WCR) is one of the largest oil producing areas in the world, producing approx. 20,000,000 barrels per day in 2012, of which the USA produces: **41.2%**

1 Barrel = 42 gals = 159 liters

Approx. 5,000,000 ships frequent Caribbean waters every year.

Oil tankers transport an average of 5,000,000 barrels of crude oil per day in the Wider Caribbean Region.

Even though the risk for open sea collisions may be elevated in congested waterways, there have been very few open sea collisions in high traffic density passage such as Yucatan Channel, the Bahamas Channel and the Florida Strait due to the advent of ARPA radars and other collision avoidance mechanisms.

Oceans Knowledge Organiser Year 3/4

CONSERVING OUR OCEAN AND COASTS

COMMUNITIES: Responsible development protects lives and property by adapting to a changing climate.

PROTECT AREAS: Protecting special places and keeping coastal areas open to the public supports tourism, recreation, and our economy.

CORAL REEFS: Research and conservation helps sustain this source of food, medicine, and protection from coastal storms.

WATER QUALITY: Safeguarding coastal water quality protects human and environmental health, and keeps seafood safe.

ESTUARIES & WETLANDS: Long-term stewardship helps to protect critical species, fight pollution, and restore habitat.

HISTORIC SITES: Preservation connects us to our heritage and culture.

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