

Life Under

Water



By Aaron McCreedy

Atlantic ocean

the 1st Major ocean of the 5-

• Atlantic ocean.

Key facts-

- It is S Shaped.
- It is approximately 31,830,000 Square miles.
- It covers about $\frac{1}{5}$ of Earth's Surface
- In greek mythology it means Sea of atlas.





Southern Ocean

the 2nd Major Ocean of the 5 -

- Southern Ocean

Key facts -

- It is the smallest of the 5 major oceans.
- This is where the Gold, Northward flowing waters from the Antarctic mix with warmer subantarctic waters.
- It covers only 6% of earth's surface.

PACIFIC OCEAN

the 3rd maj^r
OCEAN
of the 5-

PACIFIC
OCEAN



Key Facts

- It is the largest and deepest of all the oceans.
- It is 63,800,000 Square miles.
- It covers about 46% of Earth's water.

INDIAN Ocean

the 4th
Major
Ocean of
the 5-
INDIAN
Ocean



Key Facts

- It is the third largest of the world's OCEANS covering, 27,240,000 Square miles
- It is the only ocean named after a country.

... oceans -

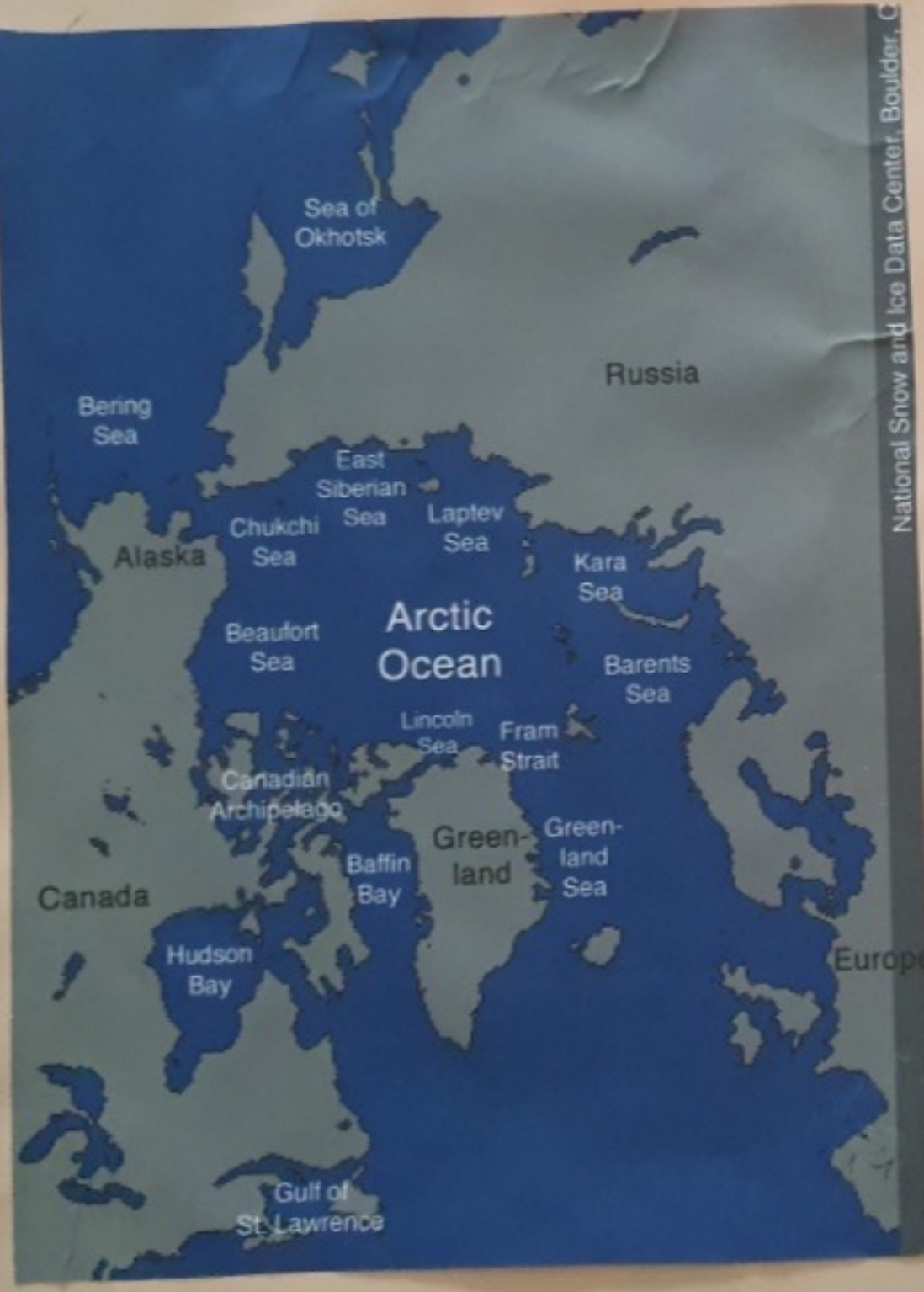
Arctic ocean

the 5th Major ocean of the 5-

• Arctic ocean

key facts -

- It is the smallest of the 5 Major oceans.
- It is the coldest of all the oceans.
- It is partly covered by sea ice throughout the year and almost completely in winter.



Effects of climate change on these oceans —

1. It's raising the temperature's of the oceans and the higher temperature's are bad for fish.
2. It's causing the Arctic ice to melt and this is causing there to be less habitat for seals, walruses, penguins and polar bears.
3. It's causing rising sea levels and small island nations such as those in the pacific ocean stand to be wiped off the map.
4. It's causing the oceans currents to alter and many species that depend on ocean currents for reproduction and nutrients will be affected.
5. It's affecting the chemistry of sea water and making it acidic and is causing destruction to coral reefs and shellfish, meaning there will be less food for people who rely on it from the oceans.



What bleached the Great Barrier Reef?

The hot ocean water has destroyed half of the reefs colourful algae making the coral starve. 30% of the coral perished in 2016 and another 20% in 2017. The climate change has been a cause of this due to the higher temperature causing the water to be too hot for the colourful algae to survive.



BEFORE

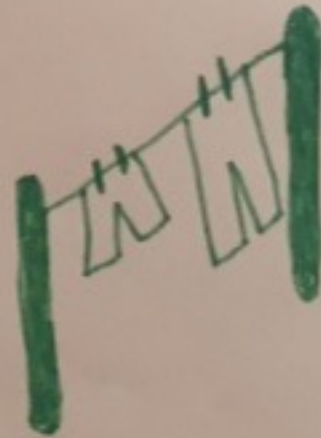
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AFTER

How can humans slow down the process of climate change?

- Close doors - an open door to an air conditioned building can let 2.2 tons of carbon dioxide escape over one summer
- Hang washings out - it will save energy by not using a tumble drier
- Walk or use a Bike - it will cut down on carbon dioxide.
- Recycle - it will save the pile up at landfills as it is estimated to be 25% of the causes of climate change.



What can our Governments do around polluted oceans to improve climate change?

- protect forests, rivers and wetlands as our ecosystems absorb carbon and will slow the warming.
- put more wind turbines in place as these provide a non-polluting source of energy.



What Marine life is threatened by human intervention?

- By over fishing its causing less fish to be in the sea.
- not recycling plastics is ending up out at sea and killing animals
- The coastlines have been steadily turned into new housing and tourist developments and the human presence is taking its toll on marine life.
- Shipping is causing oil spills and its damaging the marine life.

Why I think its important to improve the climate change?

because its causing too much damage to marine life. Its causing animals to die and making all the icebergs to melt we will end up under water. /