

Day 8 – Greenest Challenge | Project Green Challenge 2025

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Instagram Post Link : https://www.instagram.com/p/DPIWMCfE-05/?img_index=1



“My Powerful Takeaways from the Video”

The Ocean is Our Silent Shield:

It has absorbed a massive amount of our carbon dioxide pollution, shielding us from the worst effects of climate change, but this has come at a devastating cost.

Acidity is Like Osteoporosis for the Sea:

The increasing acidity of the ocean makes it difficult for corals, clams, and plankton to build their skeletons and shells, literally dissolving the foundation of the marine food web.

Everything is Connected:

The fate of tiny creatures like pteropods (sea butterflies) is tied to the health of the entire ocean, which in turn affects the air we breathe, the food we eat, and the climate we live in.

Additional Resource :

I chose the National Geographic article and infographic, "Coral Bleaching Explained."

Link-1: <https://education.nationalgeographic.org/resource/mapmaker-coral-bleaching/>

link-2: <https://education.nationalgeographic.org/resource/media/coral-bleaching-explained/>

Key Takeaway:

This resource showed me the other major threat: warming waters. When the ocean gets too warm, corals become stressed and expel the colorful algae that live in their tissues and feed them. This causes them to turn ghostly white—a process called bleaching. Bleached corals are not dead, but they are starving and highly vulnerable to disease.

Opinion Piece: A Young Leader's Call to Action

“ I look at the ocean and see a world of wonder, but science shows me a patient in crisis. I have learned that the same pollution warming our planet is also changing the very chemistry of the sea. Our ocean is becoming more acidic, making it impossible for corals to build the reefs that are home to a quarter of all marine life. At the same time, rising temperatures are causing these vibrant underwater cities to bleach white, starving them of life.

This is not just about losing beautiful places. It’s about the collapse of a system that provides food for billions, protects our coastlines from storms, and generates the air we breathe. The ocean’s struggle is our struggle.

To every world leader, community elder, and fellow young person: We are at a crossroads. The vibrant, teeming ocean of our storybooks is fading before our eyes, replaced by silent, white graveyards. What is at stake is nothing less than the life support system of our planet. The stability of our climate and the health of our ocean are one and the same. We cannot afford to be the generation that watched it slip away.

We must act with courage and conviction.

My call to action is:” **PROTECT OUR OCEANS.**“

Here’s how we start:

- Demand that our leaders commit to bold climate action and protect vital marine habitats.
- Make daily choices that heal, not harm—drastically cut plastic use, conserve energy, and support sustainable seafood.
- Use our voices to spread awareness and hold decision-makers accountable.



“The ocean has given us everything. It’s time we gave back ”

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"THE OCEAN PROTECTS US — NOW IT'S OUR TURN."

"Ocean acidification ↑ 30% since
Industrial Revolution."

"Every coral lost means a home
destroyed."

"Together, we can make waves for
change."





“From Crisis to Care: Saving Our Ocean”



Before (The Problem)

1. **Coral Bleaching** – Corals lose their vibrant colors because rising ocean temperatures and acidification kill the algae they depend on.
2. **Ocean Acidification** – Carbon pollution from the air is absorbed by the sea, making it more acidic and harmful to marine life like shells, corals, and plankton.
3. **Dying Marine Life** – Fish, turtles, and reefs are losing their homes — the ocean’s biodiversity is collapsing.
4. **Human Impact** – Our industries, plastic use, and fossil fuels are poisoning the oceans that give us oxygen and food.



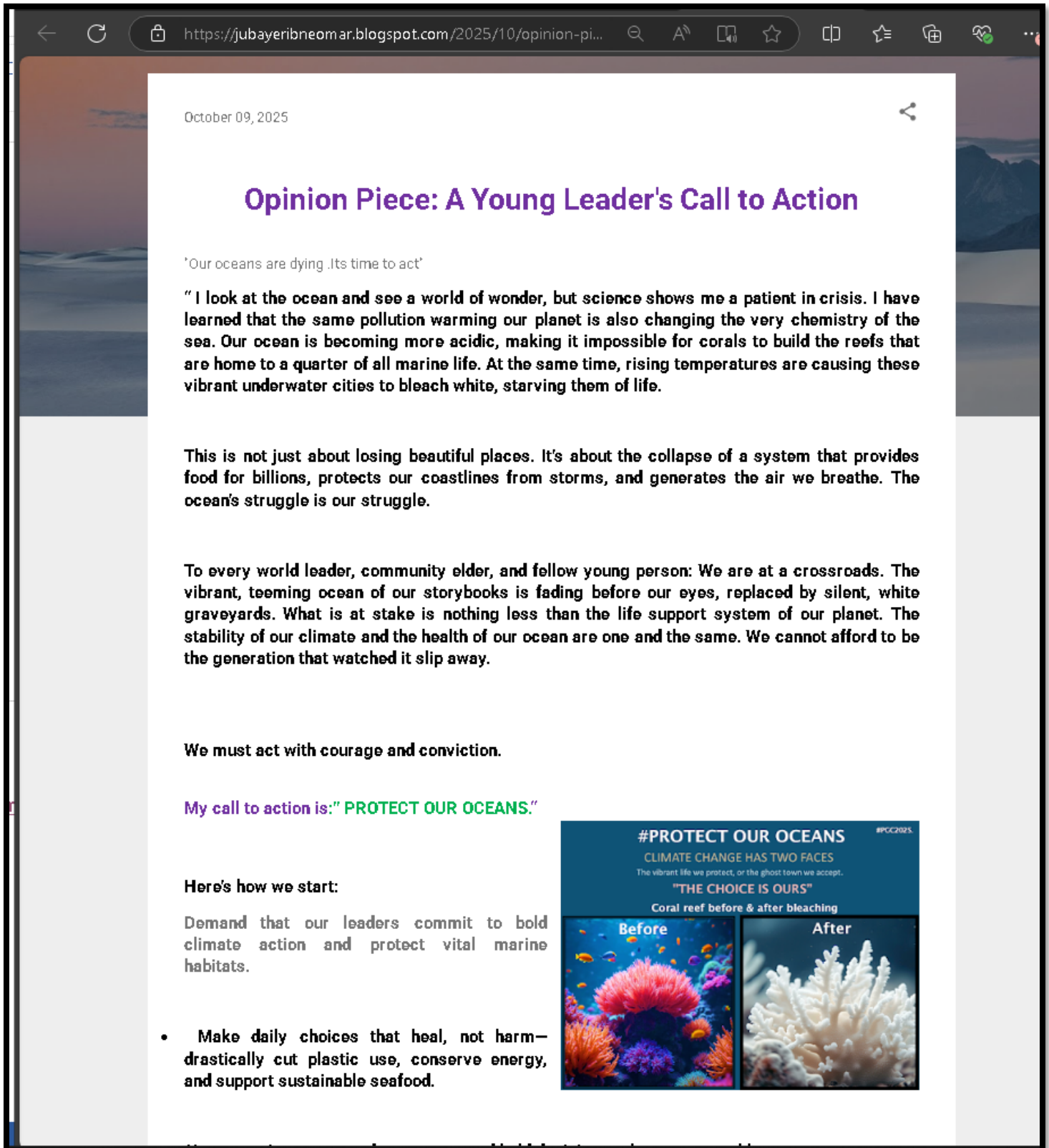
After (The Hope / Action)

1. **Protect Coral Reefs** – Reduce CO₂ by switching to clean energy and protecting marine parks.
2. **Plant Mangroves** – They trap carbon, stop erosion, and shelter marine life.
3. **Reduce Plastic Waste** – Choose reusable products; say no to single-use plastics.
4. **Spread Awareness** – Share stories, art, and facts on social media; educate your community.
5. **Global Unity for Oceans** – Governments, youth, and local communities must act *together* — every voice matters.

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(The Blog's Website/URL: <https://jubayeribneomar.blogspot.com/2025/10/opinion-piece-young-leaders-call-to.html>)

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Instagram Post screenshot :

#PROTECT OUR OCEANS

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CLIMATE CHANGE HAS TWO FACES

The vibrant life we protect, or the ghost town we accept.

"THE CHOICE IS OURS"

Coral reef before & after bleaching

Before



After



jubayerbinomar

jubayerbinomar The ocean has become 30% more acidic since the Industrial Revolution. This rapid acidification, caused by absorbing our carbon emissions, is dissolving the skeletons of corals and shellfish, threatening the very foundation of marine life.

Reflection (My Opinion Piece):

I used to see the ocean as a place of endless blue mystery. Now, I see it as a mirror reflecting our choices—and it's showing me a crisis.

I learned that the same pollution warming our planet is silently changing the sea's chemistry. The water is becoming more acidic, making it impossible for corals to build their majestic reefs. These are not just beautiful structures; they are the nurseries and cities for a quarter of all marine life. At the same time, warming waters are causing these vibrant ecosystems to bleach, turning them into stark white graveyards.

This matters because a dying ocean doesn't just mean losing a place of beauty. It means the collapse of a system that provides food for billions, protects our coastlines from storms, and generates over half of the oxygen we breathe. The ocean's struggle is our struggle.

To every world leader, local community, and fellow human: what is at stake is the very life support system of our planet. The vibrant blue heart of our world is failing, and we are the cause. But this also means we can be the cure.

We cannot stand by and watch this happen. We must act, and we must act now.

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