

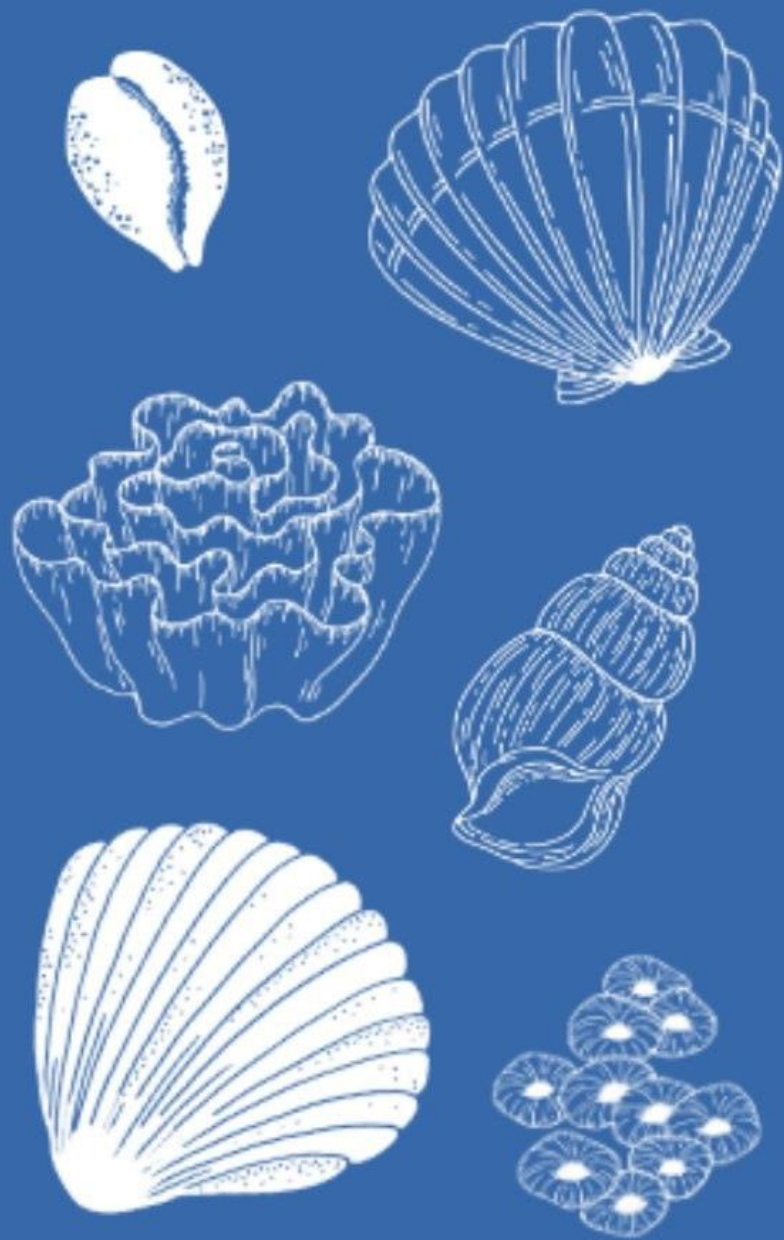
Video

subject: the truth about plastic
source: PGC

article: national geographic climate change and oceans
day8

product by: Zahra Miri Dizaj



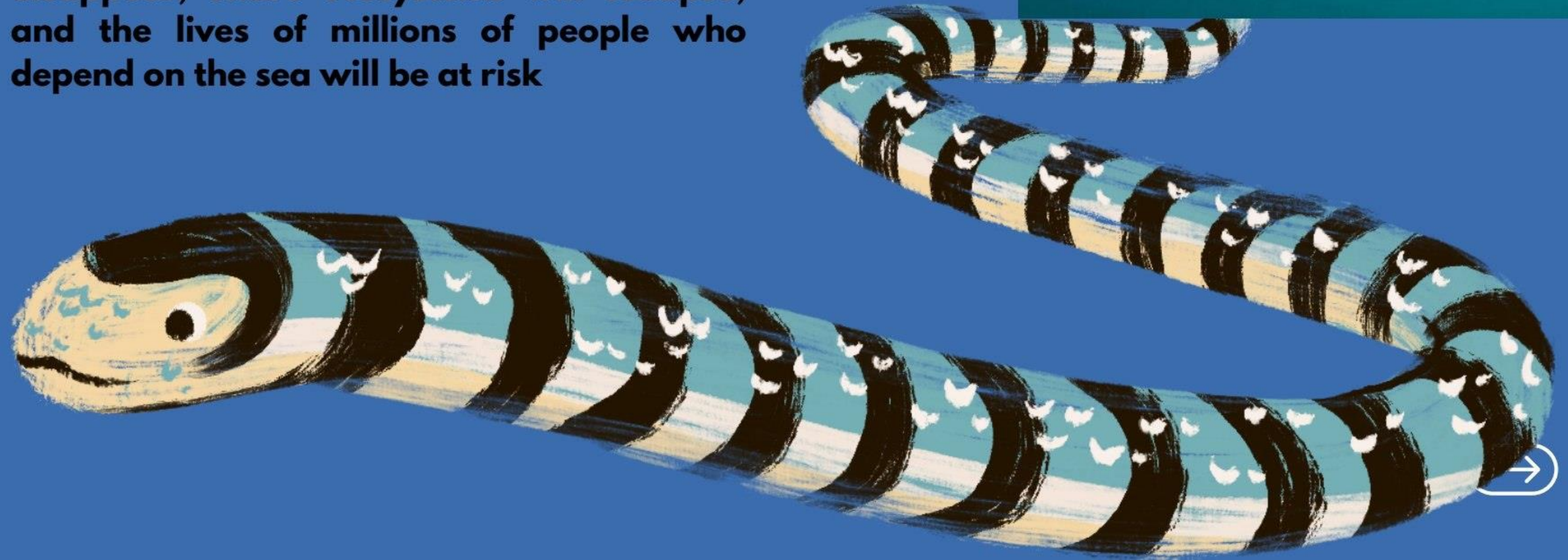


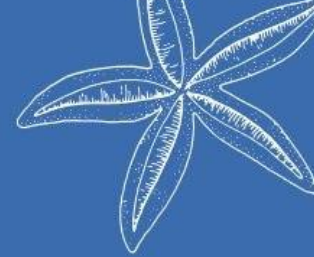
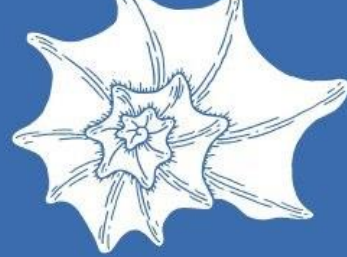
Today, I watched a video and then immediately read an article titled "National Geographic, Climate Change and Oceans." Ultimately, this topic reminds me that climate change is not just a "distant issue"; it truly relates to the daily lives of all of us. We are dependent on the oceans even if we don't live by the coast. The oceans provide the air we breathe, and the health of millions of people depends on them.

I felt that if we don't take action now, in the not-so-distant future, we will lose beauties and resources that will no longer be recoverable. 🌍💔



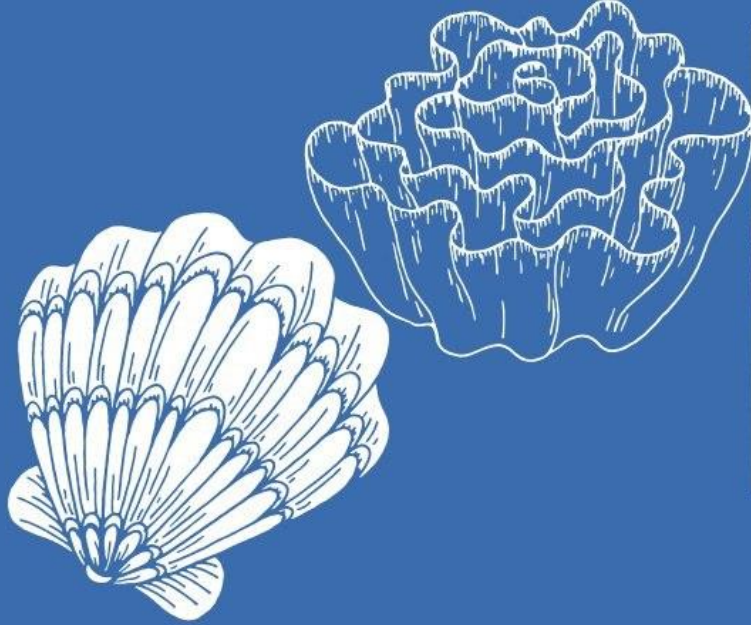
When we burn fuels and release carbon dioxide into the air, the oceans absorb it. This makes the water more acidic, causing corals — these fragile and amazing creatures — to break down. Corals are not just beautiful; they are the shelters for hundreds of marine species. If they disappear, entire ecosystems will collapse, and the lives of millions of people who depend on the sea will be at risk





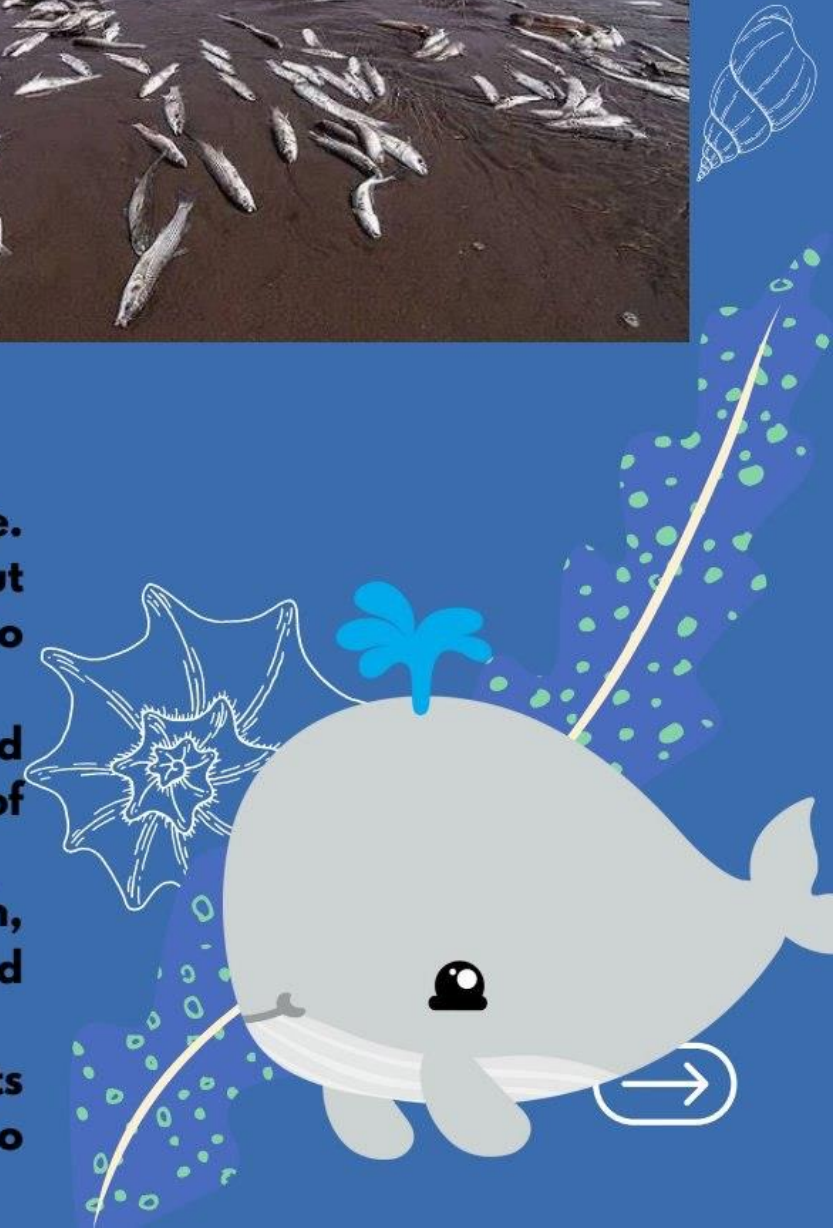
Ocean acidification affects the fundamental functioning of marine life and ecosystems. Current research indicates that ocean acidification will have serious consequences for coastal communities that depend on coastal protection, fisheries, and aquaculture. With the increasing acidification of the world's oceans, there will be changes in the dominance of macroalgae, habitat degradation, and loss of biodiversity.





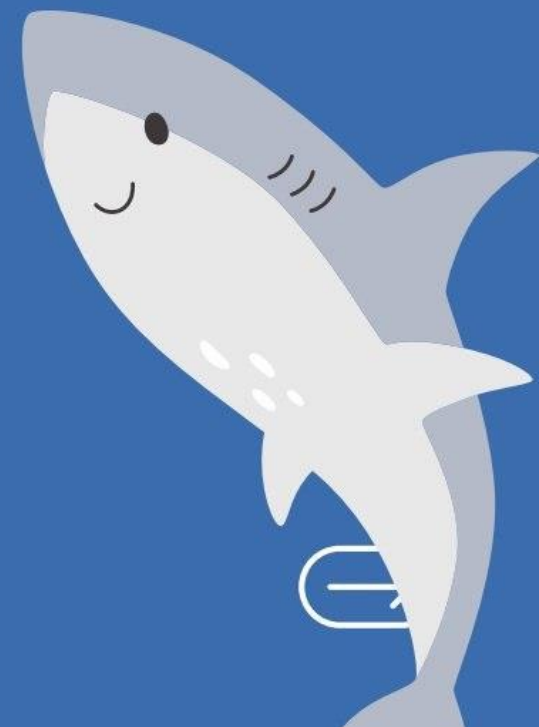
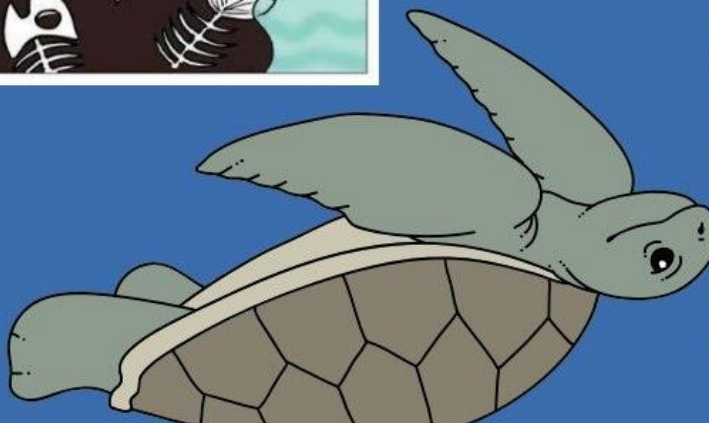
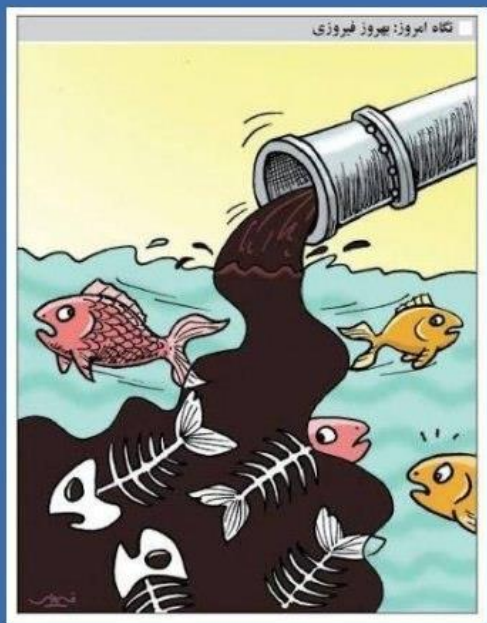
Here are the things I learned:

- 1. Ocean acidification is one of the direct consequences of climate change. When humans release a lot of carbon dioxide into the atmosphere, about one-third of it is absorbed by the oceans. This causes the pH of the water to drop and the environment to become more acidic.**
- 2. Corals are very sensitive. Even slight changes in water chemistry can lead to coral bleaching and death. When corals die, the homes of thousands of fish and marine species are destroyed.**
- 3. The chain of effects is very broad: damage to corals means damage to fish, to the livelihoods of coastal communities, to tourism, to food resources, and ultimately to the climate balance of the entire Earth.**
- 4. The ocean plays a vital role in regulating the Earth's temperature; it acts like a "natural radiator" that absorbs heat. However, when it becomes too warm or too acidic, it can no longer perform this role effectively.**





As a language teacher, I always tell my students: words can change the world. Today, I see how awareness and heartfelt writing can build a bridge between education and social responsibility. This piece is more than a language exercise — it's a step toward a better future



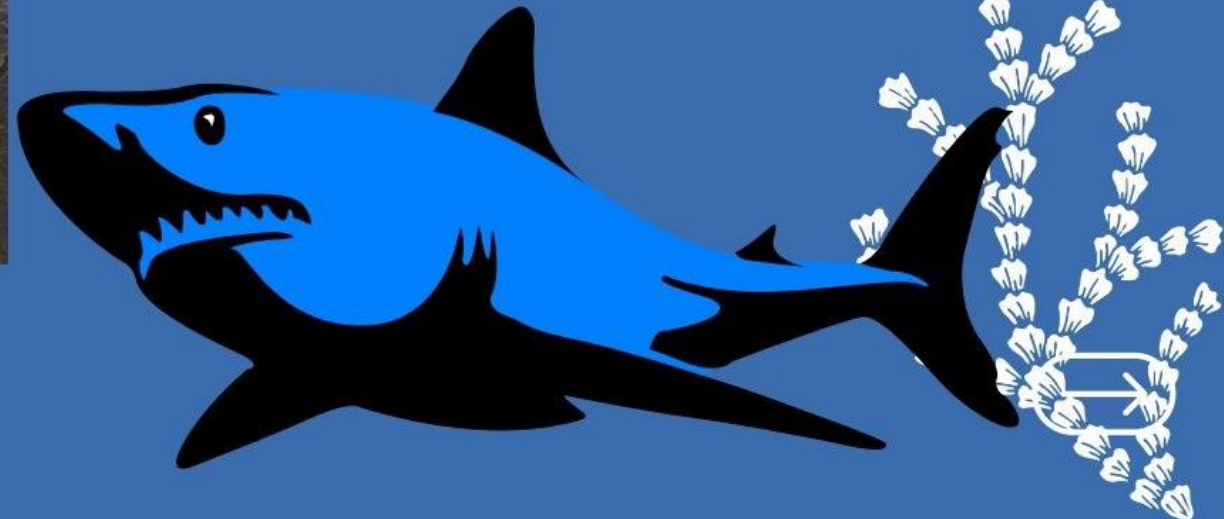
I'm a young person, but I know that silence is the worst choice. We must be the voice of the ocean. We must urge our leaders to adopt green policies, support clean energy, and protect coral reefs. And we, too, have a role to play: reducing plastic use, raising awareness, and living more responsibly.

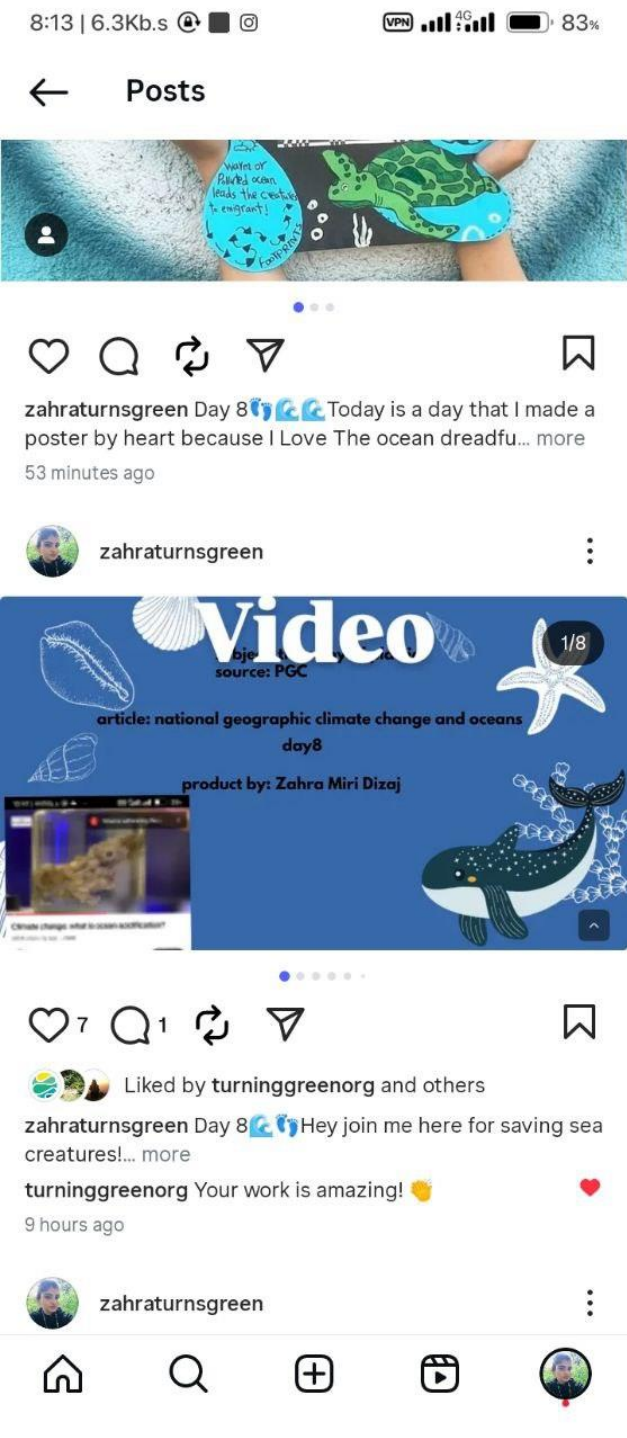


My call is simple:

✨ **Let's protect our oceans together.**

**Because if the ocean dies, the Earth will stop
breathing too**





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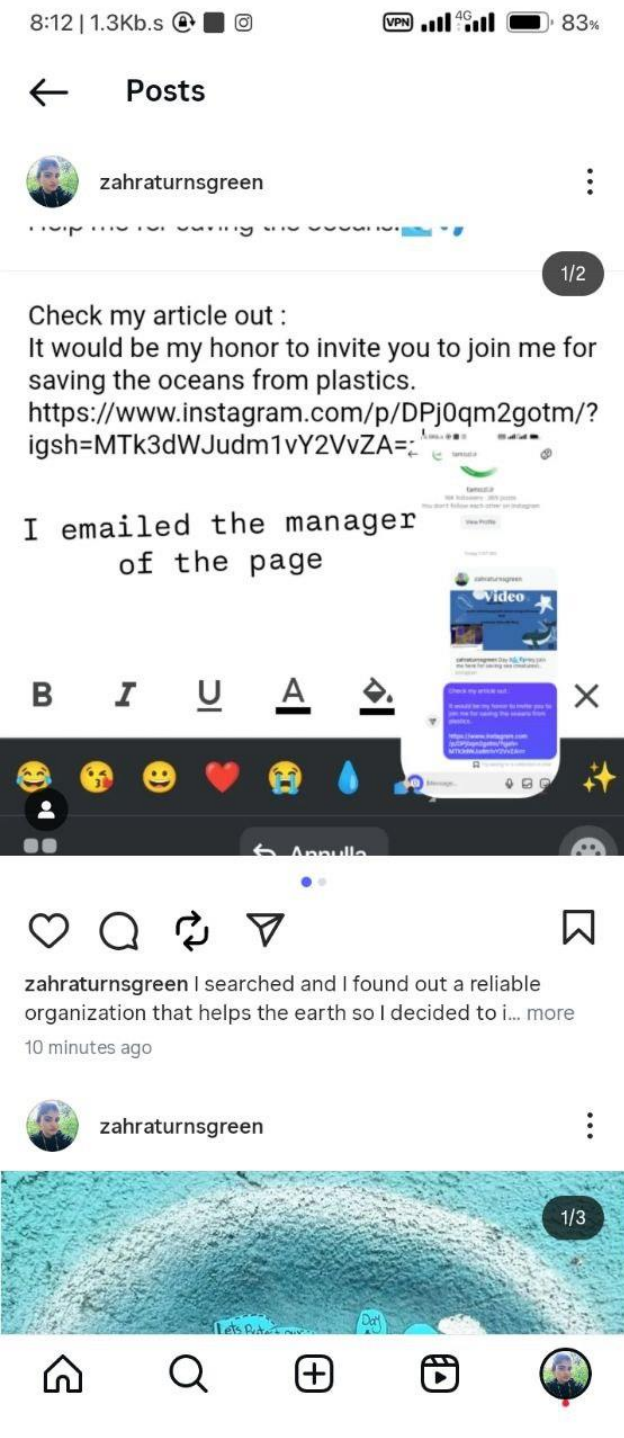


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