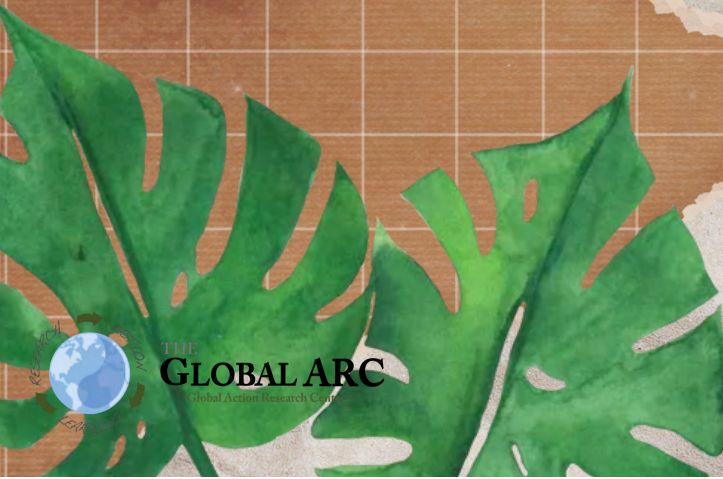




Climate Revolutions:

A Call for Hope and Action

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Fall Cohort 2023



THE GLOBAL ARC
Global Action Research Center



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ANIMALS



VS

CLIMATE CHANGE



What is climate change?

Climate change is the long-term shift in the earth's in weather patterns and temperature.



What causes climate change?

Climate change can occur naturally, but is mainly caused by human activities. It is primarily a result of things such as burning fossil fuels (manufacturing goods, using electricity, transportation, etc.) and deforestation

How does this affect animals?

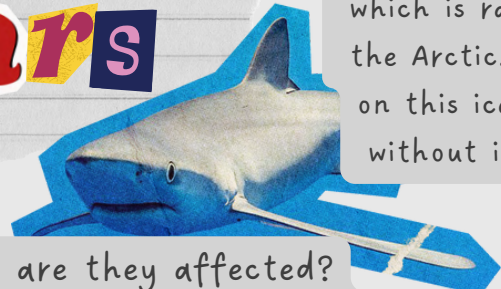
Climate change is destroying our ecosystem, which effectively is ruining the habitats that these animals rely on to exist.



EXAMPLES



polar bears



How are they affected?

Polar bears are affected by climate change because of global warming, which is rapidly melting the ice in the Arctic. Polar bears are reliant on this ice and so are their prey, without it they risk extinction.

How are they affected?

Coral is affected by climate change as the water temperature rise because of global warming. As a result, the coral is put through stress that causes them to lose algae and color, also know as coral bleaching.



CORAL



How are they affected?

Bumblebees are affected by climate change because of extreme weathers caused by global warming. Intense weather such as heavy rainfall, wildfires, floods, etc. may disrupt the bees foraging patterns and harm their habitat and food sources.

bumble

BEEES



What is The Issue?



What is global warming?

Global warming is a result of climate change as CO₂ gets trapped in our atmosphere. It heats up the overall temperature of the earth and is the main factor threatening animal's habitats.

Why is this an issue?

Climate change threatens the lives of many animals and may cause them to go extinct. If these animals go extinct it will impact the food chain and can potentially cause other animal populations to deplete, unbalancing the ecosystem. This will impact the health of the earth and all the organisms that live here.

How does this affect people?

An unbalanced ecosystem weakens biodiversity and our abilities to fight against disease. As we lose more species of animals and plants to extinction it compromises our survival and the overall health of the world.



How to

Help!



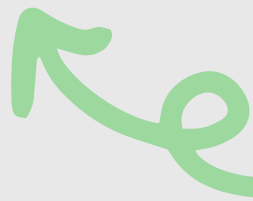
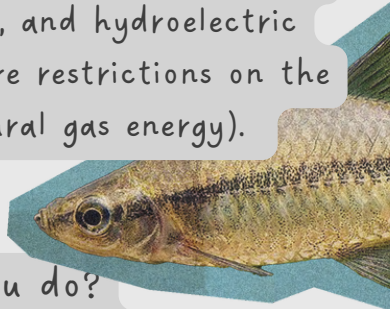
How can we combat climate change?

To combat climate change we can reduce our use of harmful emissions by replacing them with clean and renewable energy (solar, wind, biomass, geothermal, and hydroelectric energy). Additionally, we can vote for more restrictions on the use of fossil fuels (coal, oil, and natural gas energy).



What can you do?

First of all, we must understand what is causing destruction to our wildlife and take action to make changes in our personal lives to prevent climate change. We can advocate for programs that provide help and resources to animals that are impacted by climate change.



Forest Degradation



What is Forest Degradation?

Forest degradation is the decline of quality of a forest's ecosystem due to various factors.


Factors

Deforestation

Deforestation is the process of clearing out trees or forests. This process leads to forest degradation and harms the environment animals and the trees live in. Humans do this for many reasons such as the need for wood, or the need for space for infrastructure.

Forest Fires

Forest fires are uncontrollable, unplanned, and unpredictable fire in an area with lots of trees or vegetation. Up to 90% of forest fires are caused by humans. Many of these causes include, cigrattes, guns, machinery, electrical facilities, gasoline, and even purposefully to scare animals or clear out forests.






Issues


There are many issues with forest degradation. It causes damage to the environment around animals and plants. Without these environments, plants and animals would die. If there were no more trees, we wouldn't have any oxygen and any carbon sinks.



Solutions



A solution towards the issue of deforestation is replanting trees also known as reforestation. This makes up for all the trees that are cut down, but humans can also retrieve the benefits of the wood that comes from the trees.



A solution towards the issue of forest fires is to create laws and regulations to prevent such tragedies to occur. Creating an industry around protecting these trees will make humans who purposefully or accidentally cause these fires to think twice and try to prevent it as well.

Pollution

4 CONTRIBUTORS

Burning fossil fuels are one of the biggest contributors to pollution and is harmful to the environment.



Exhaust emissions from motor vehicles contribute to air pollution and climate change.

PESTICIDES AND CHEMICALS



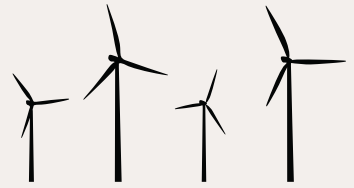
Although not as prevalent, it's still just as harmful as it contaminates the soil and water affecting both human health and ecosystems around.

WASTE AND LANDFILLS



Waste and landfills are dangerous pollutants to the planet due to how much of it is in the world. It pollutes every ecosystem and environment no matter where.

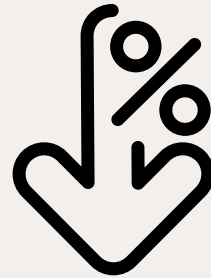
Solutions



Use renewable energy sources. They are replenishable and don't emit as many emissions as the fossil fuels.



Although not a permanent solution, it is better alternative to gasoline cars. Electric cars don't emit no emissions and are much better to use.



Reduce the use of pesticides and try to regulate these pesticides. Use less of these chemicals to prevent harming the environment.

There are many solutions to landfills and waste. A solution includes recycling materials instead of throwing them on the ground to make sure it doesn't harm the environment. Another solution would be to use reusable items to reduce the use of plastic or similar materials.



OVERCONSUMPTION

Overconsumption is the excessive consumption or use of stuff. It's when customers overuse the goods available to them to the point where they don't reuse the items anymore.



While overconsumption may benefit sellers in the short term by increasing their profits, it can have long-term negative effects on the environment and society.



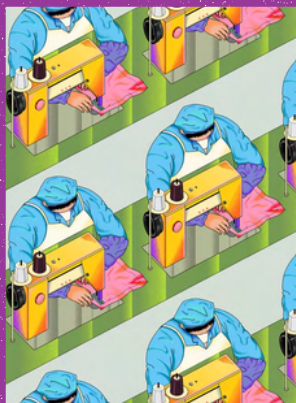
THE UNDERLYING

ISSUE

Overconsumption can have a significant impact on the environment, including climate change, deforestation, and loss of biodiversity.

The overproduction of goods and services contribute to greenhouse gas emissions, which are a major driver of climate change, especially if the products have high carbon foot prints.

Overconsumption often push increased demand for various commodities that contribute to forest loss. The demand for agricultural land, logging, and extraction of resources for consumer goods directly contribute to habitat destruction and ecosystem degradation.



Overconsumption can be attributed to a combination of individual, societal, and systemic factors. Together, these elements contribute to a complex web of influences shaping patterns of over consumption in contemporary societies.

Consumer Culture:

Societal norms and cultural values often encourage a consumer-driven lifestyle, where material possessions are linked to social status and success. This culture promotes the constant pursuit of new products and experiences.

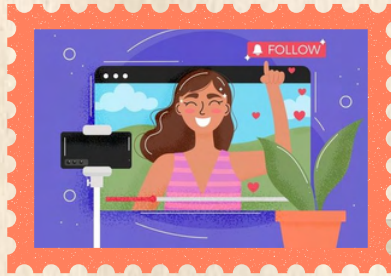
Economic System:

Capitalist economies often rely on continuous growth and consumption to fuel economic activity, and consumer spending helps drive economic growth, so aggressive advertisements and marketing easily influence consumers.



SOCIAL MEDIA

Many social media apps that you are probably familiar with contributes to overconsumption. There are these people called influencers who make money from social media marketing; they basically promote a bunch of products for their audience to buy so they can earn money.



Materialism Promotion

Influencers are constantly showcasing their lavish lifestyles which promotes the pursuit of possessions, and it affects their followers because it can lead to a desire for constant consumption.

Fear of Missing Out

Adding onto fashion trends, influencers tend to talk about their experiences with products, and this fear can drive viewers to overconsume with every product being talked about to keep up with trends and feel included.

Fashion Trends

Influencers are always promoting new fashion trends and these trends tend to change quickly. Followers will feel the need to keep on updating their wardrobe, contributing to funding unethical corporations (ex. SHEIN,)

Unrealistic Standards

Influencers often present an idealized version of life, creating unrealistic standards for their followers which leads to unnecessary spending as individuals try to copy the lifestyles influencers portrayed online.

There are many problems that come with social media. Influencing not only individuals, but society as a whole, it becomes worrisome as we are the root of our own problems. It's become so habitual to us to the point where impulse buying unnecessary items is now praised upon, so how can we fix this issue?



HOW YOU CAN DO YOUR PART

Educate Yourself!

Stay informed about the environmental and social impacts of different products. Understand the lifecycle of the items you use, from production to disposal



De-influencing

De-influence yourself and others! Share your knowledge and experiences with friends and family. Inspire others to adopt more sustainable habits and make informed choices. Show the realities of unnecessary products!



Research Brands!

Support brands that prioritize sustainability, ethical production, and responsible business practices. Look for certifications like Fair Trade, organic, or environmentally friendly labels.

Other options to consider

How frequently do you purchase a plastic loofah?
What happens to loofahs after they're discarded?

Loofahs made of plastic are not just incredibly unhygienic and wasteful- they take decades to decompose. These end up in our oceans and areas where they don't belong!



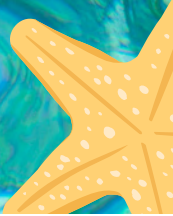
A body scrubber infused with antimicrobial silver, developed by our friends at Sud Scrub, has been shown to inhibit bacterial growth by 99.9% (3rd lab party tested). This prolongs the body scrubber's lifespan to a full year, assisting in waste reduction and offering a more hygienic cleansing. It has over +1,000 positive reviews making it a great alternative!

LASTS 1 YEAR

Sud Scrub is made of tough food-grade silicone that's built to last the whole year.

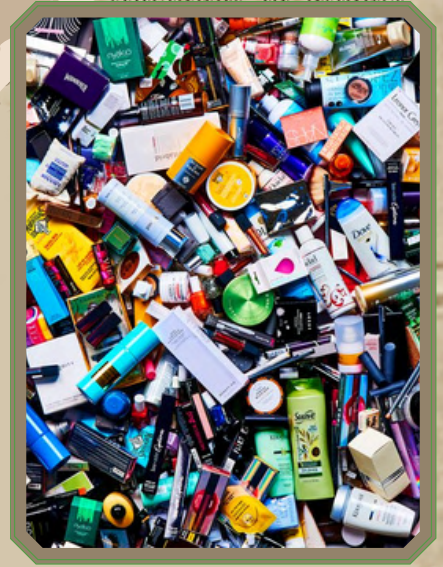


Plus! 5 pounds of plastic gets booted out of the ocean with every purchase made!



Brand alternatives

The makeup industry is vast, and it's essential to consider ethical sourcing practices that allow us to feel beautiful while being mindful of our planet's well-being.



Please find below a list of recommended brands to consider trying.

- Elate Beauty
- Axiology
- Glossier
- Dirty Hippie
- Aether Beauty
- Antonym Cosmetics
- Mad Hippie
- Trestique
- ILIA
- Well People
- Ethique
- Saie
- OGEE organics





SAND

DEPLETION



As construction continues to be on the rise, we have to be more cautious about the amount of natural resources we're using, especially when there is a shortage of the most abundant one; sand.





Due to the climate crisis, our beaches are getting smaller and smaller. A rise of sea levels and the over usage of sand in concrete, glass, paint, and other material is causing our coastlines to disappear.



This loss of coastlines is causing more and more animals to lose their natural habitats and disrupt the ecosystems in these areas, only contributing to the going-on climate crisis. So, what's a way we can revert this?

GLASS RECYCLING!

ALTHOUGH THIS SOLUTION MAY SEEM TRIVIAL, THERE IS SCIENCE TO BACK UP THE FACT THAT CRUSHING GLASS INTO FINE PELLETS CAN HELP REDUCE THE EFFECTS THAT THE SAND SHORTAGE HAS CAUSED. WE CAN USE THESE GLASS PELLETS FOR MANY THINGS, SUCH AS:



Restoring coastlines
alternative to sand in construction
Melting back into glass (recycle and reuse)

This can:

- reduce air pollution by 20%
- reduce water pollution by 50%
- reduces waste in landfills

Reuse your bottles and containers!

Join us in Helping Restore Earth!



This is it - our only planet!



**Let's Preserve Our
Environment!**

