

HMDC Elementary Debate Class (Summer 2024) - Rejoinders

Topic: The use of “Geoengineering” technology to cool the planet would be desirable.

Introduction (PRO)

In this speech, I will defend each of my team’s arguments.

To begin, let's discuss: Preventing Disasters

PRO-01: Defending Natural Disasters

They said... we were wrong about: Preventing Natural Disasters

However, we were not wrong, because...

1.) First... **Cooling Earth Effectively:** Cooling the Earth can help make storms less strong. Our research shows that warmer weather makes storms stronger. By using geoengineering, we can make the Earth cooler and storms less powerful.

2.) Also... **Making Weather Predictable:** Geoengineering does not always cause unexpected changes. Scientists study and test these methods to know how they will change the weather. Our research shows that we can manage these changes to avoid new problems like droughts or floods.

3.) Finally... **Controlled Application Benefits:** Adding particles to the air is done carefully. Scientists do not release these particles without knowing what will happen. They use models and tests to make sure geoengineering methods are safe and work well.

Therefore... we were NOT wrong about: Preventing Natural Disasters!

The next argument, I will defend is... Protecting Endangered Species

PRO-02: Defending Endangered Species

They said... we were wrong about: Protecting Endangered Species

However, we were not wrong, because...

1.) First... **Helping Animal Habitats:** Geoengineering can help protect animal homes by keeping the Earth cooler. Our research shows that many animals are losing their homes because of rising temperatures. By using geoengineering, we can make sure these homes stay safe for the animals.

2.) Also... **Reducing Climate Stress:** Cooler temperatures can make it easier for endangered animals to live. Our research shows that extreme weather and high temperatures make it hard for these animals to survive. Geoengineering can create a safer and more stable environment for them.

3.) Finally... **Supporting Ecosystems Balance:** Geoengineering can help keep nature balanced. Our research shows that when it gets too hot, it can disturb the balance of nature. By cooling the Earth, we help keep a healthy environment for all species.

Therefore... we were NOT wrong about: Protecting Endangered Species!

So, for all these reasons, please vote for the PRO. Thank you.

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Topic: The use of "Geoengineering" technology to cool the planet would be desirable.

Introduction (CON)

In this speech, I will defend each of my team's arguments.

To begin, let's discuss: Effectiveness

CON-01: Defending Lack of Effectiveness

They said... we were wrong about: Geoengineering's lack of effectiveness

However, we were not wrong, because...

1.) First... Technology Still Untested: The technology is still not tested on a large scale. Our research shows that geoengineering has only been tried in small areas, like in labs or tiny experiments. We do not know if it will work well for the whole planet, which is much bigger and more complex.

2.) Also... Possible Failures Exist: There is a chance that geoengineering might not work as planned. Our research shows that if the technology fails, it could make things even worse. For example, trying to cool the Earth might change weather patterns in bad ways, like causing unexpected storms or droughts.

3.) Finally... Unproven Methods Risky: The methods used in geoengineering are not fully proven. Our research shows that we are not sure if these methods will work without causing other problems. Scientists need more time to study and understand all the possible side effects before using geoengineering widely.

Therefore... we were NOT wrong about: Geoengineering lacking effectiveness!

The next argument, I will defend is... Wasting Money

CON-02: Defending Waste of Money

They said... we were wrong about: Wasting Money

However, we were not wrong, because...

1.) First... Geoengineering Very Expensive: Geoengineering is very expensive. Our research shows that it uses a lot of materials and advanced technology, which costs a lot of money. Many countries might not be able to afford these high costs, making it an unfair solution.

2.) Also... Better Use of Funds: The money could be spent on better things. Our research shows that we could use the money for electric cars and renewable energy, which are more effective and long-lasting solutions. These alternatives can help fight climate change without the high risks of geoengineering.

3.) Finally... Limited Resources Available: Many countries cannot afford geoengineering. Our research shows that it is unfair to poorer countries because they cannot pay for such expensive technology. Using geoengineering could create a bigger problem between the rich and less-wealthy countries in their ability to fight climate change.

Therefore... we were NOT wrong about: Wasting Money!

So, for all these reasons, please vote for the CON. Thank you.