



What is the climate change?

1. What is greenhouse effect? Is it changing?
2. Why is the earth's average temperature rising?
3. What are the causes?
4. What are the effects?
5. What are the perspectives?



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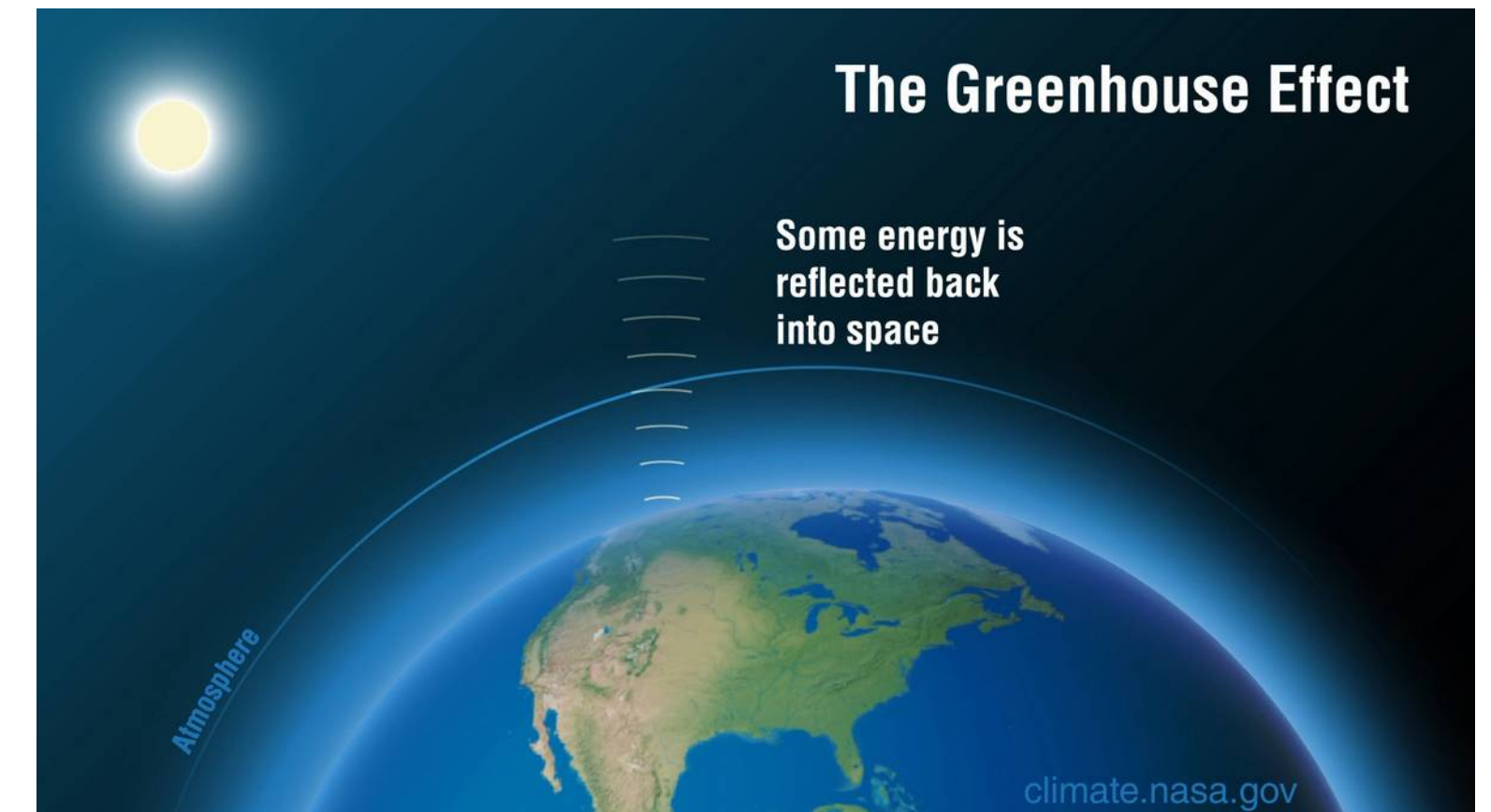
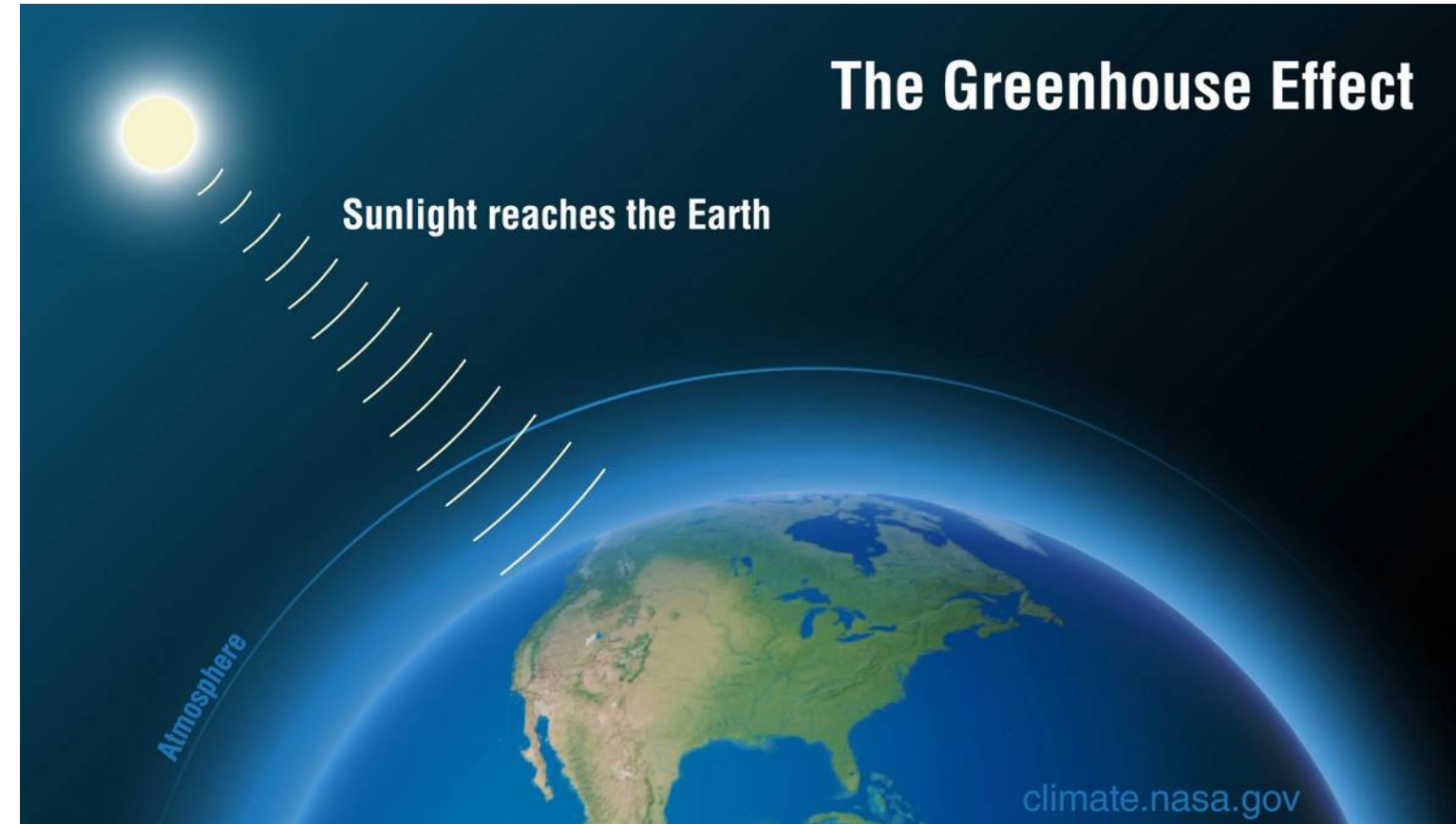
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What is the climate change?

1. What is greenhouse effect?



Greenhouse effect makes our planet Earth a place where life can exist.



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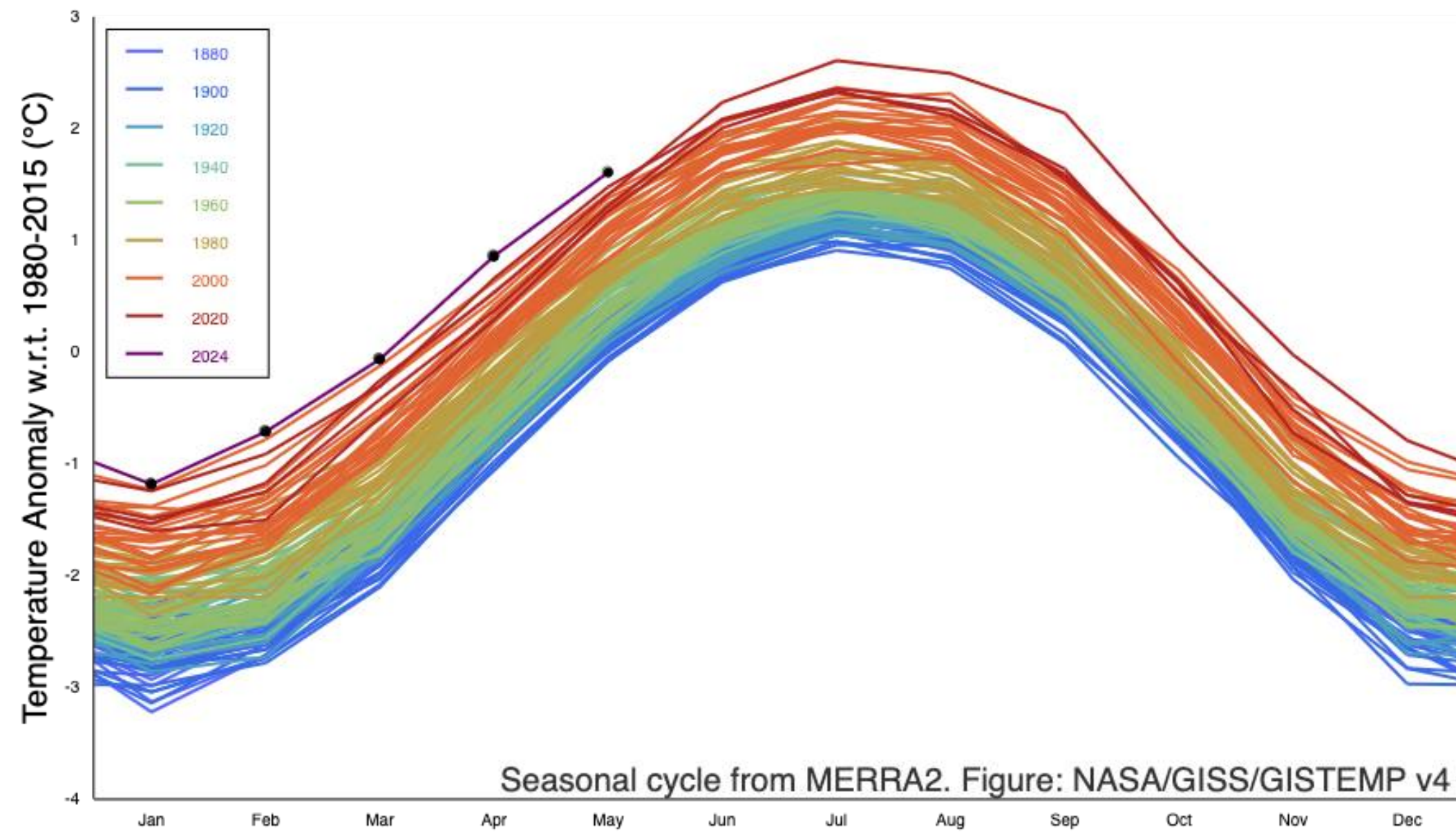




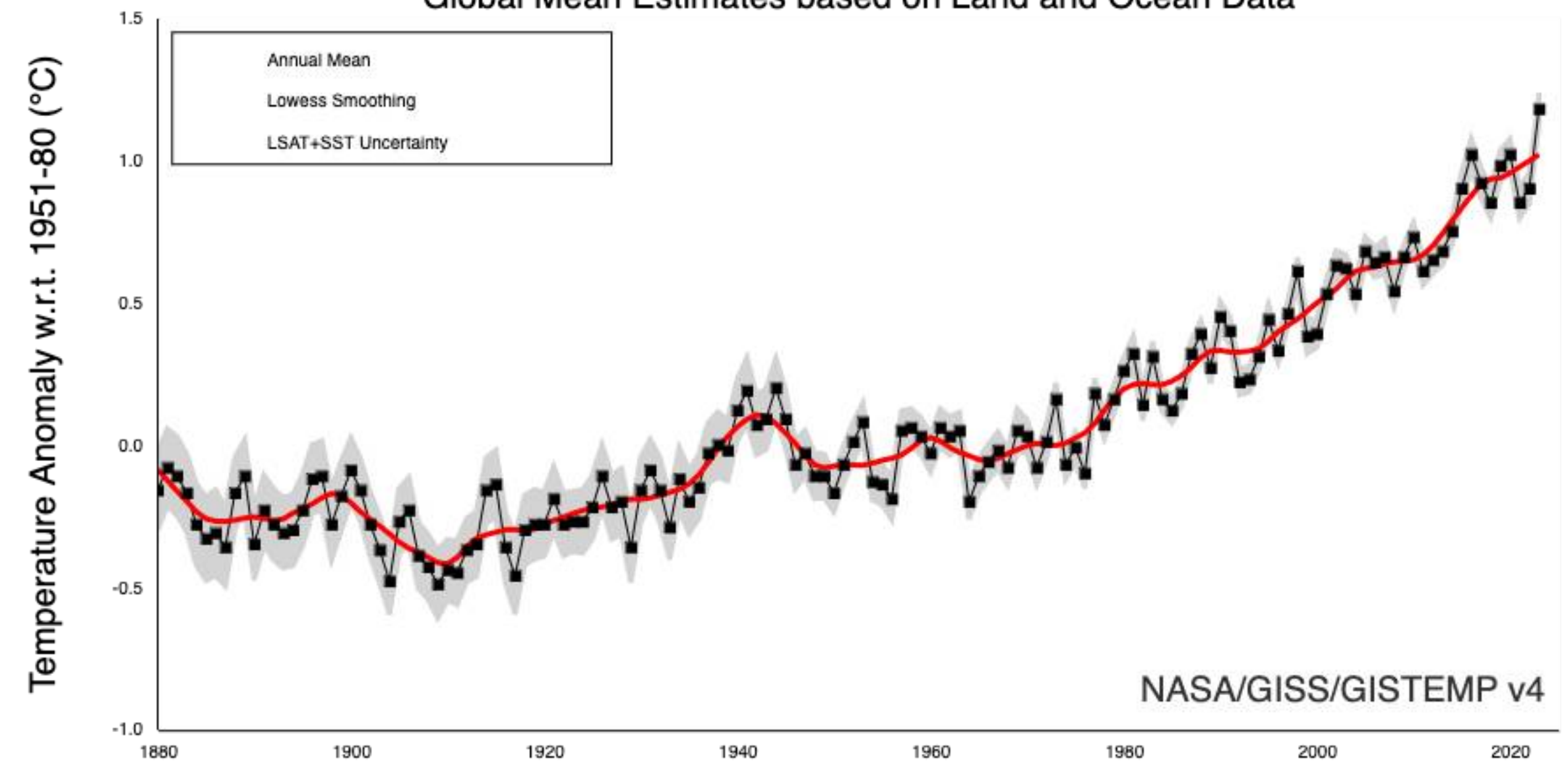
What is the climate change?

1. Is greenhouse effect changing?

GISTEMP Seasonal Cycle since 1880



Global Mean Estimates based on Land and Ocean Data



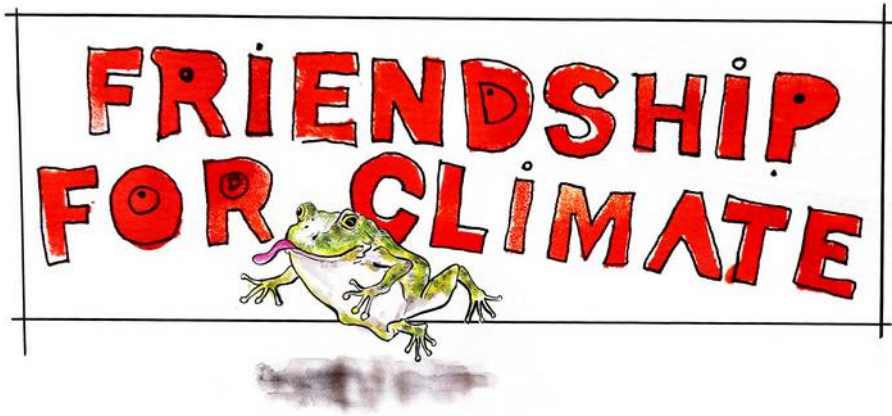
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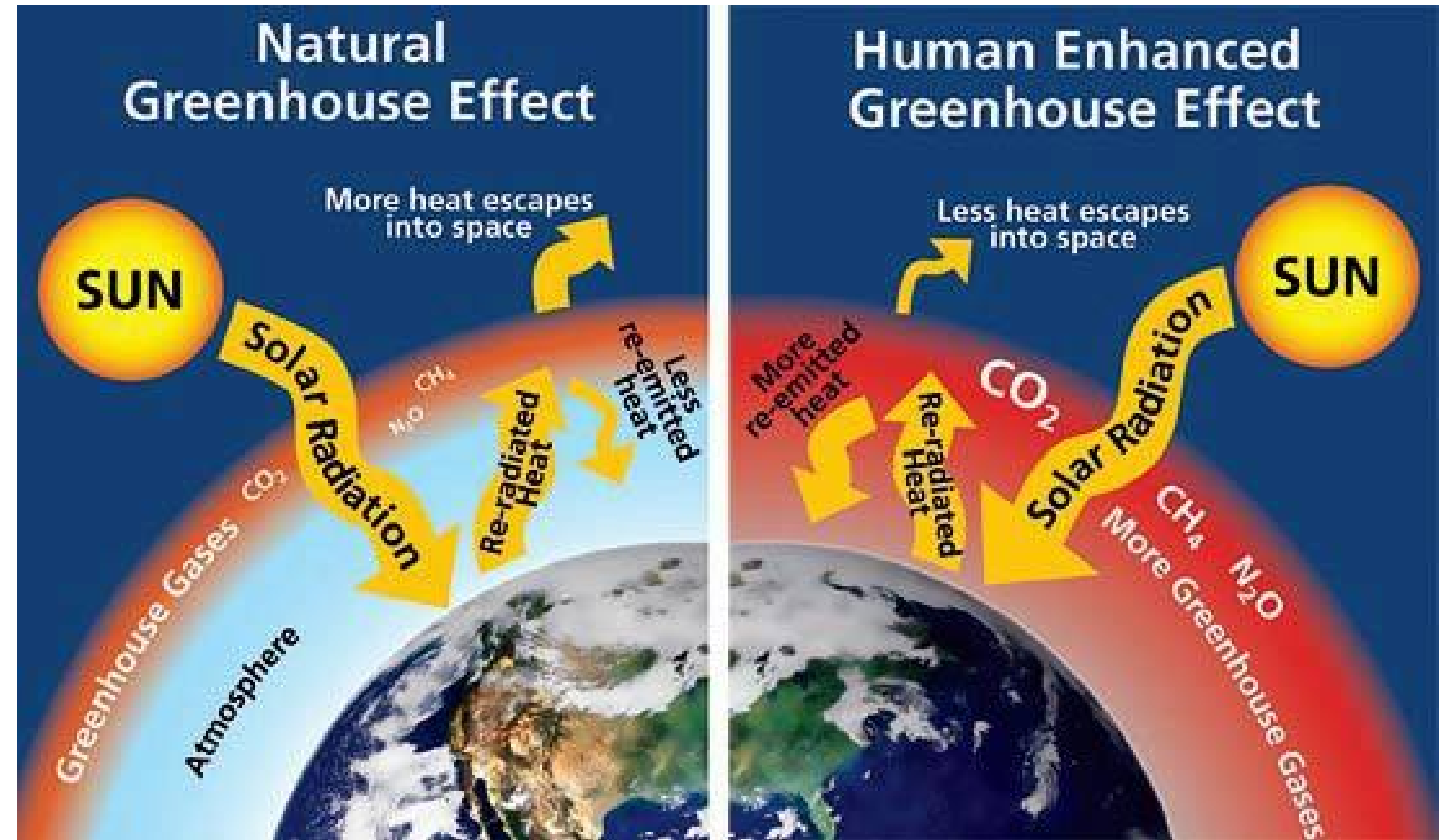
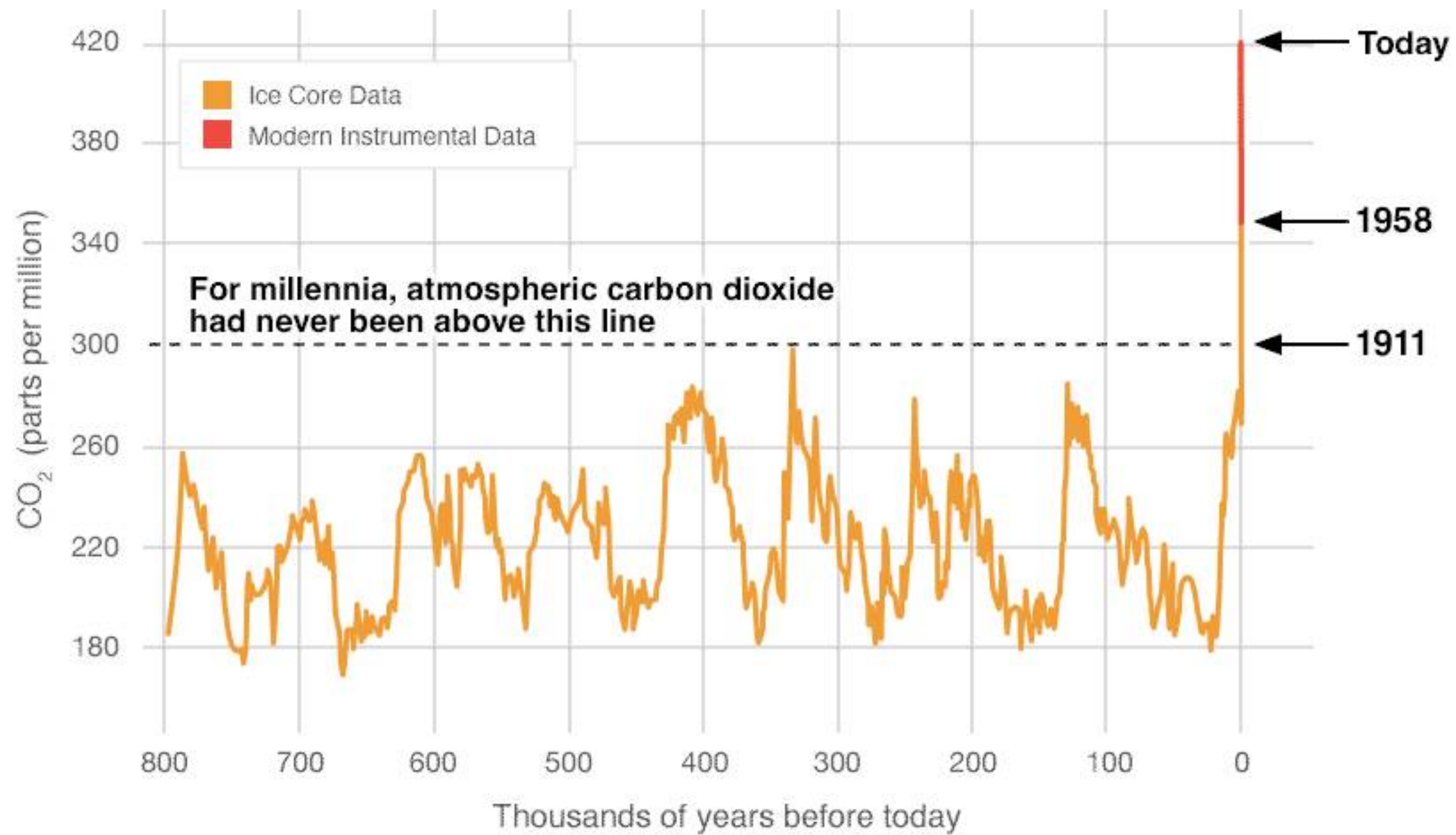
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What is the climate change?

2. Why is the earth's average temperature rising?



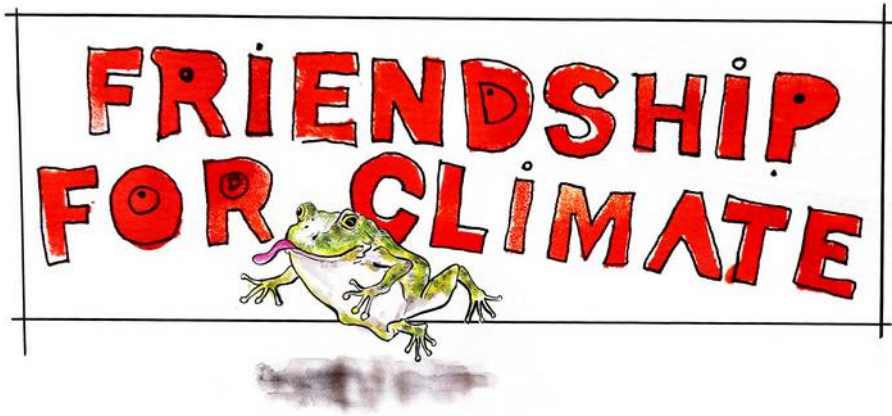
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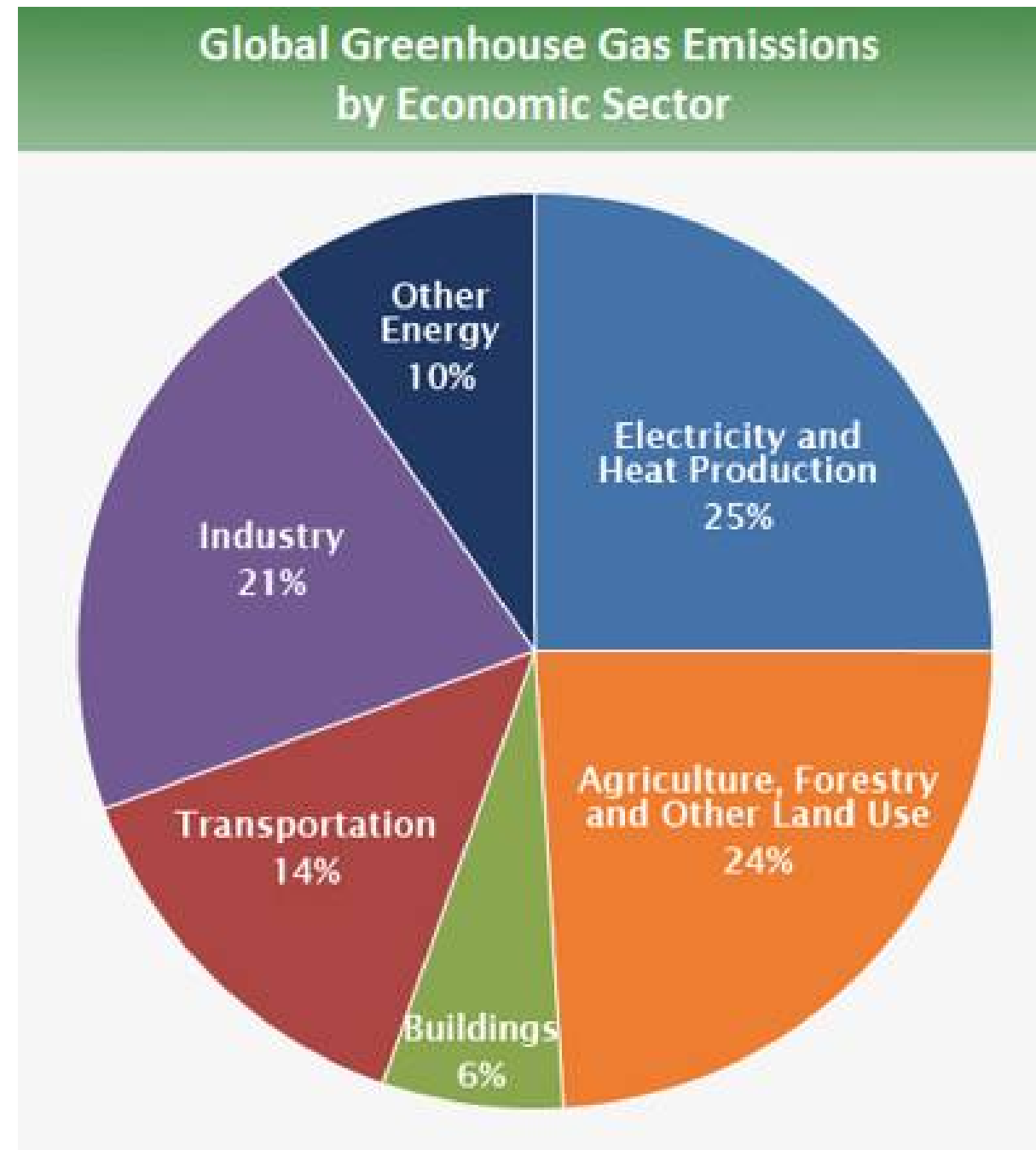
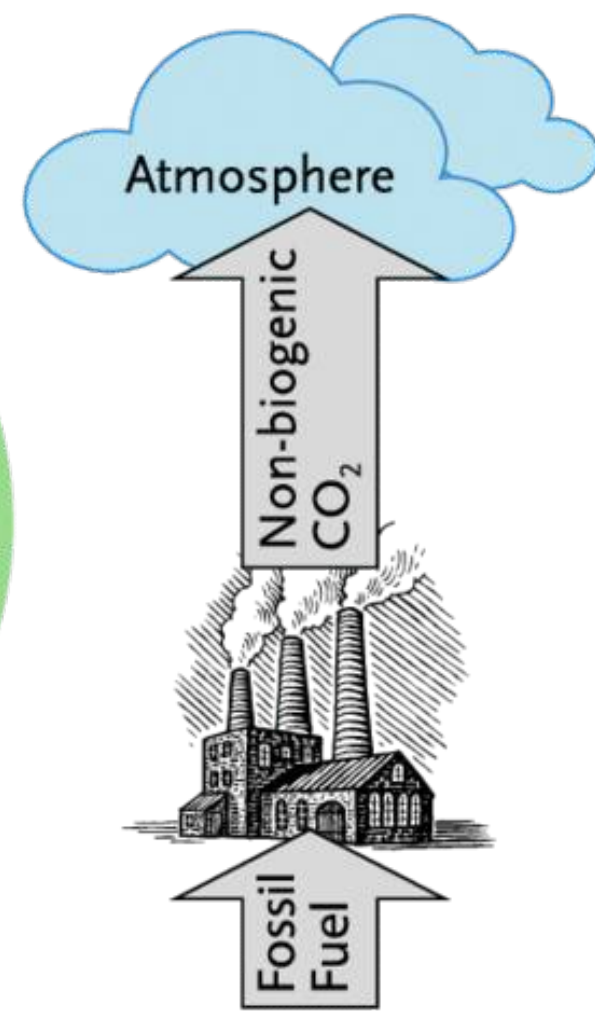
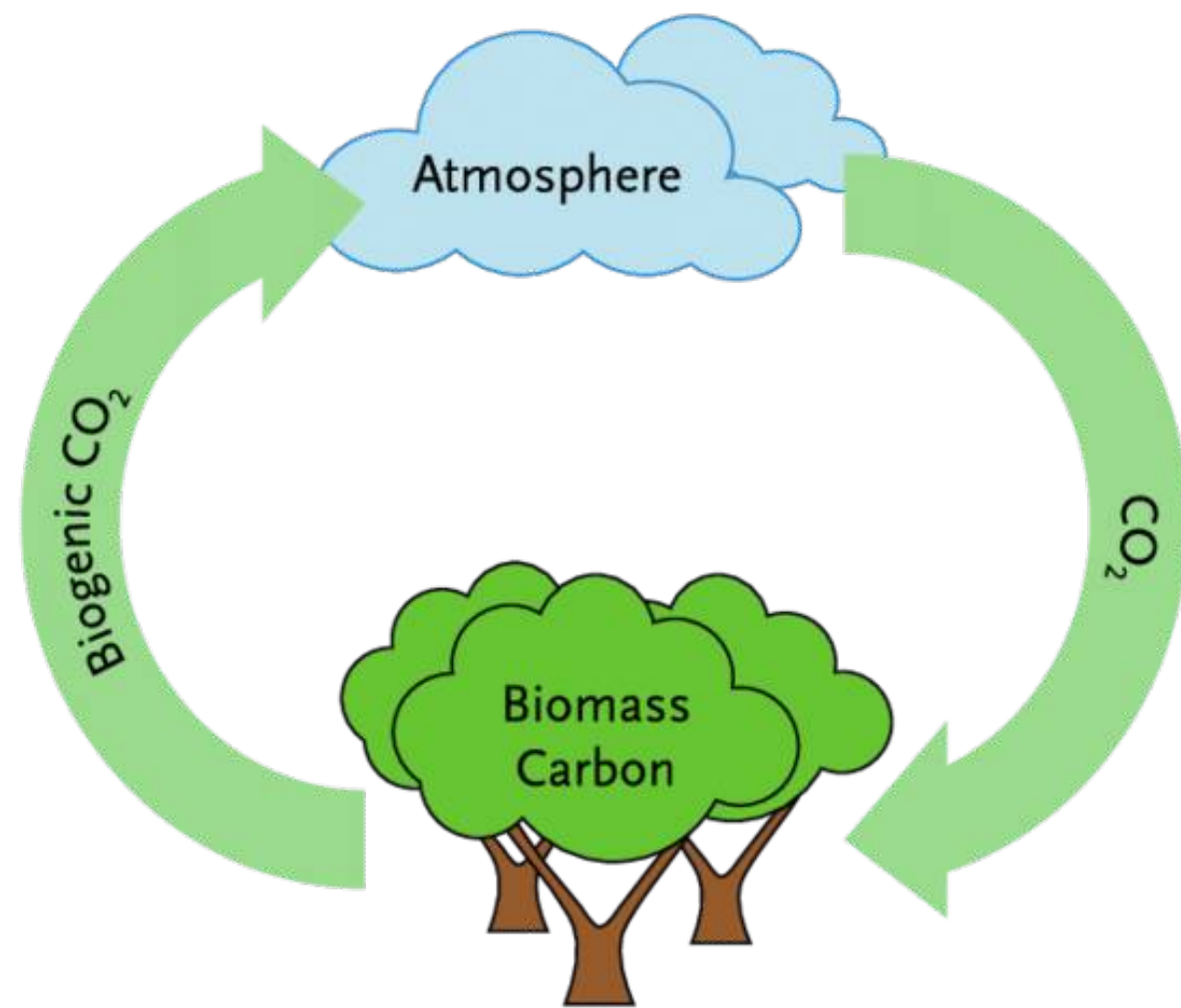
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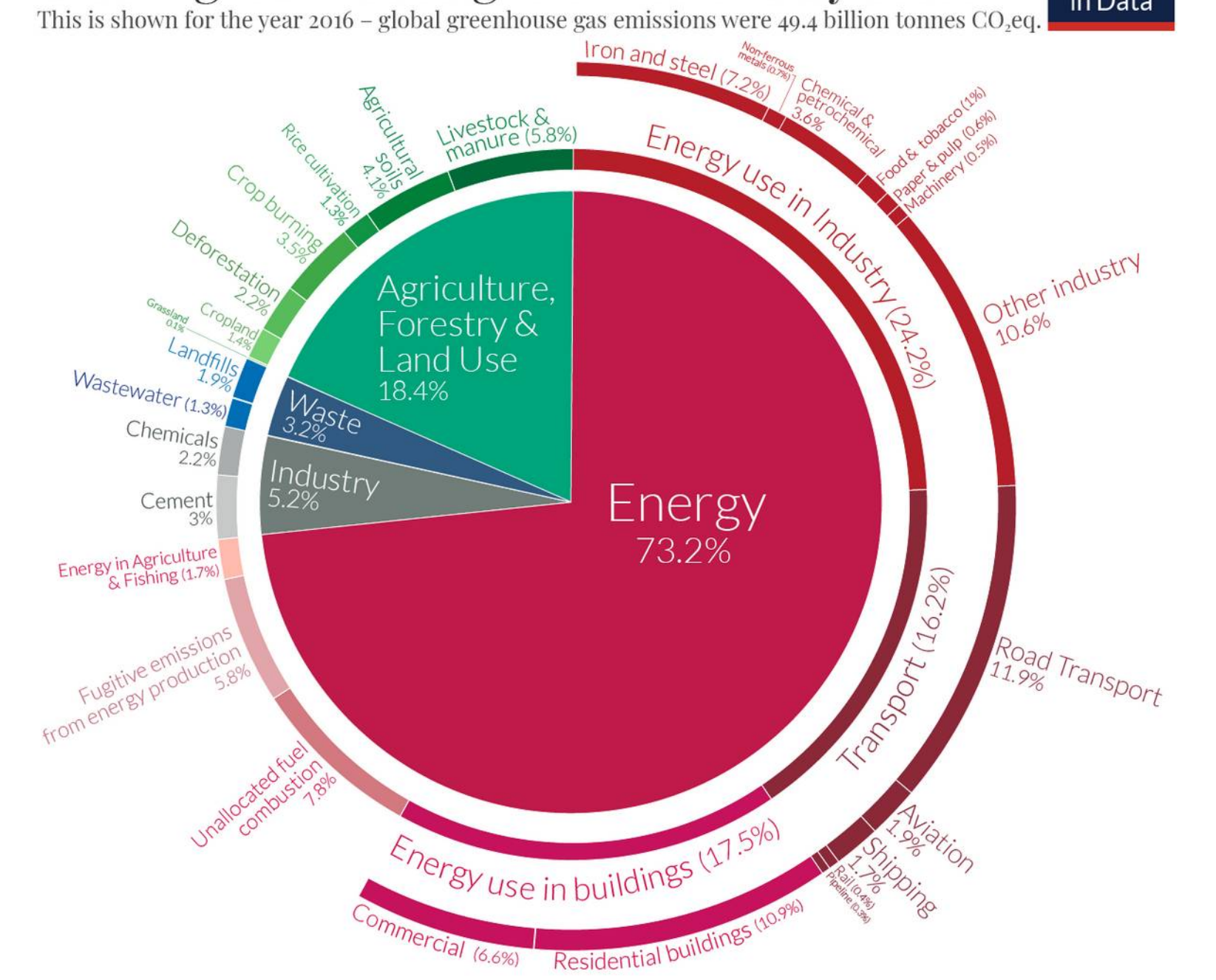


What is the climate change?

3. What are the causes?



Global greenhouse gas emissions by sector Our World in Data



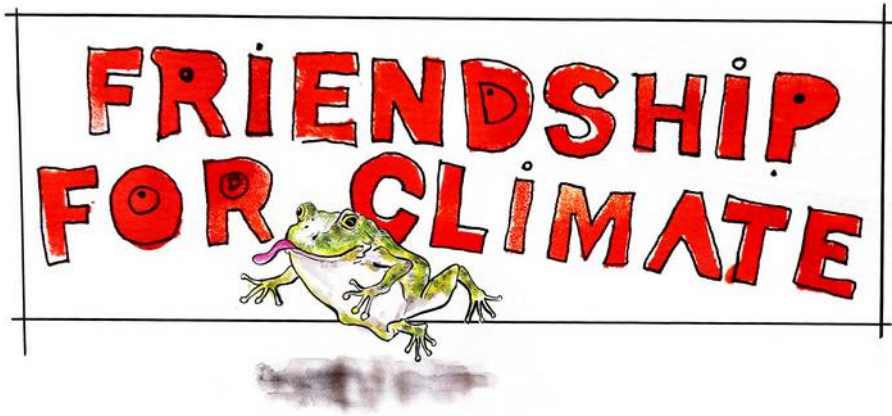
OurWorldinData.org – Research and data to make progress against the world's largest problems.
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What is the climate change?

4. What are the effects?



Melting
ice

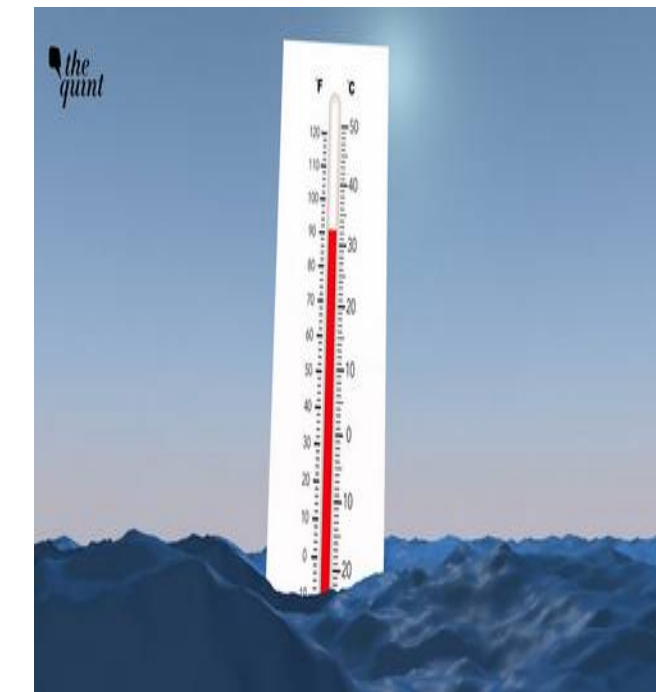
Rising sea
levels



Increase of
CO2

Temperature
increase

Warming
oceans



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What is the climate change?

4. What are the effects?

Heat extremes

Caldo extremo
Calor extremo
Chaleur extrême

Droughts

Siccità
Sequía
Sécheresse

Floods

Inondazioni
Inundaciones
Inondations

Wildfires

Incendi
Incendios
Incendies

Tropical Cyclones

Cicloni tropicali
Ciclones tropicales
Cyclones tropicaux

Heavy precipitations

Precipitazioni intense
Lluvias fuertes
Fortes précipitations



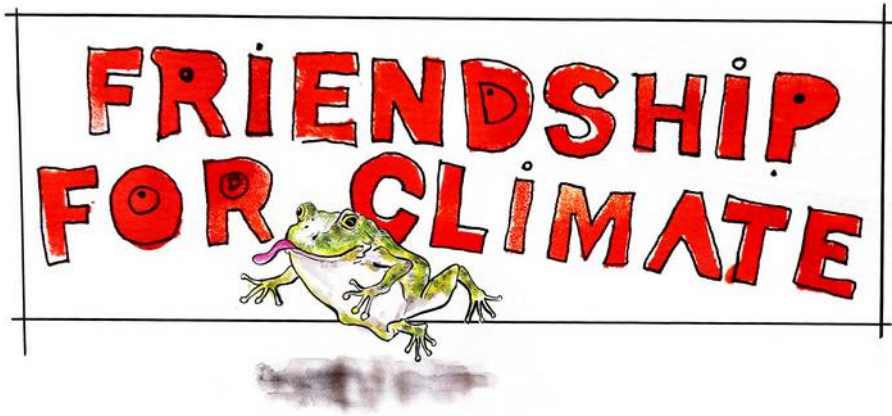
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What is the climate change?

6. What are the perspectives?



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