The Future is Bright [Green]

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Type three words you associate with climate change



Definitions

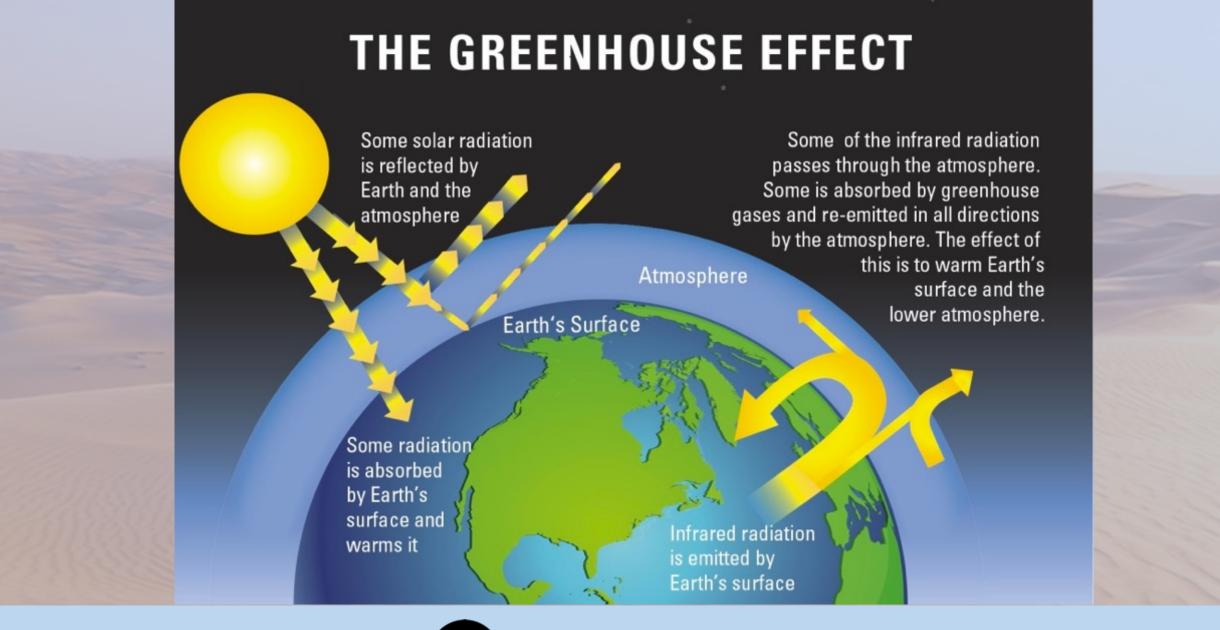
Weather - atmospheric conditions that occur locally over short periods of time.

Climate – long term global average of temperature, humidity and rainfall patterns.

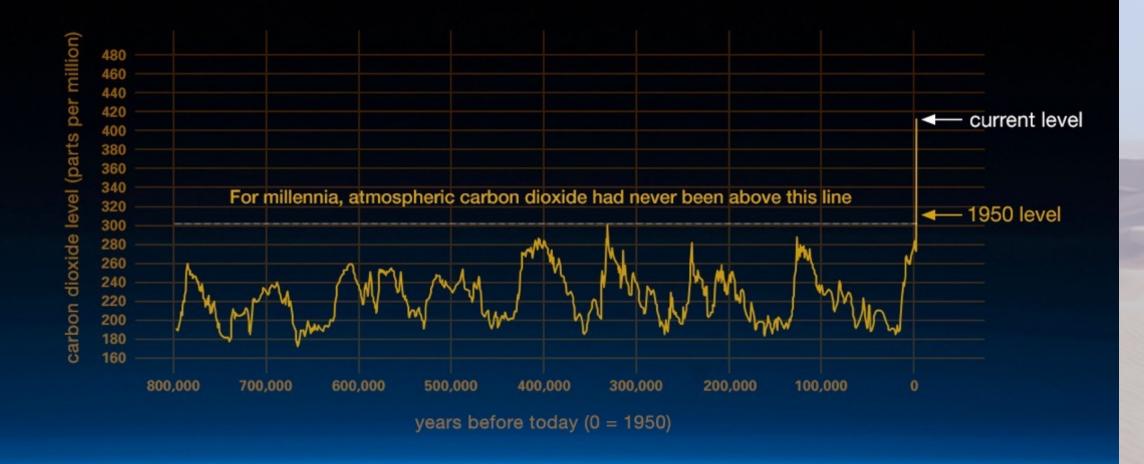
Global warming – long term heating of Earth's climate system due to human activities (e.g. fossil fuel burning) which increases greenhouse gas levels in Earth's atmosphere.

Climate change is a long-term change in the average weather patterns that have come to define Earth's local, regional and global climates.



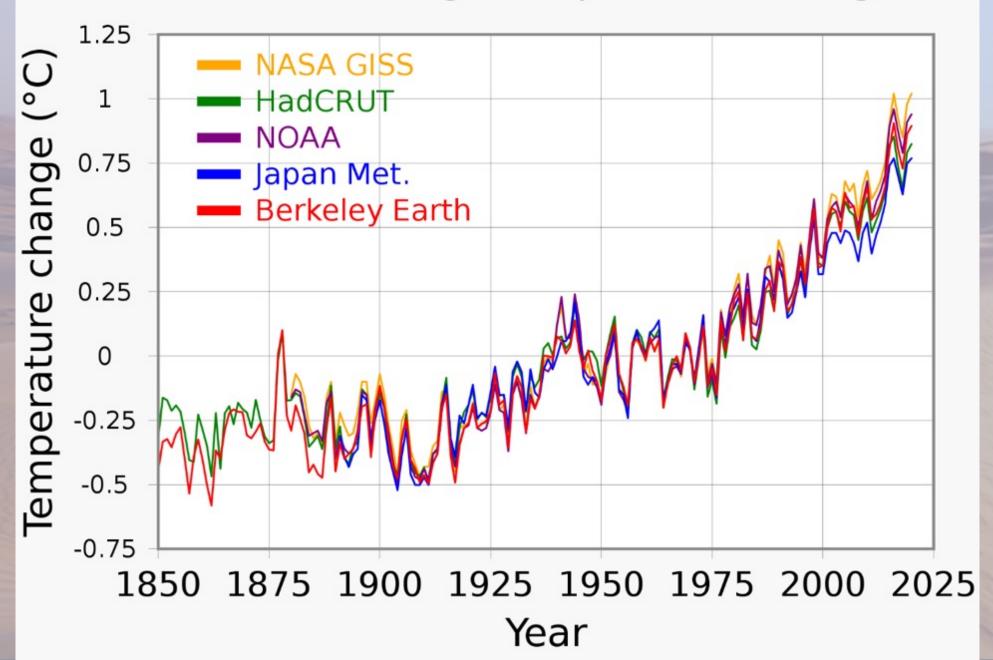


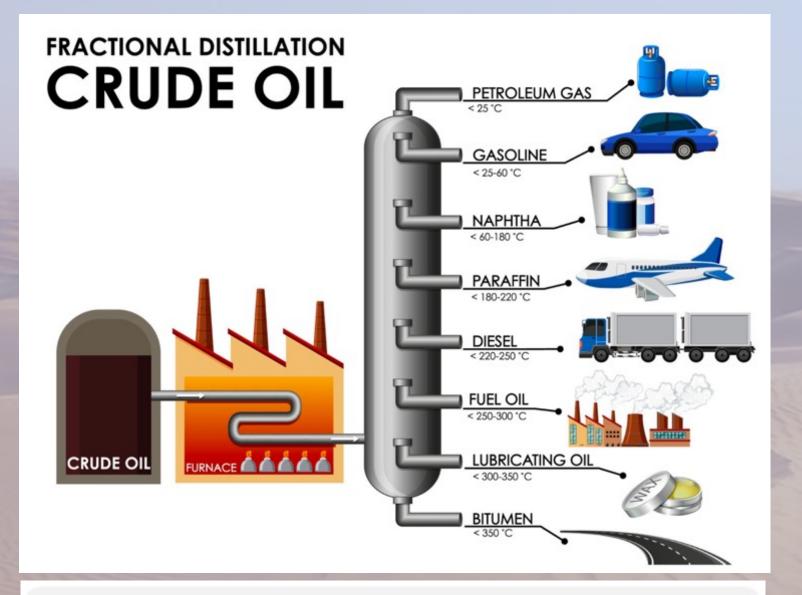




Carbon dioxide levels over Millennia

Global average temperature change





$$C_3H_8 + 5O_2 \rightarrow 3CO_2 + 4H_2O$$
Propane Water



Extreme heat

More frequent

More intense



Heavy rainfall

More frequent

More intense



Drought
Increase in some regions



Fire weather

More frequent



Ocean
Warming
Acidifying
Losing oxygen

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How long does a plastic bottle take to decompose?



HOW LONG UNTIL IT'S GONE?





'Climate emergency' is the 2019 Oxford word of the Year







How many species are at risk of completely disappearing due to climate change?

- 1. 100,000
- 1. 300,000
- 1. 700,000
- 1. 1,000,000



The Holy Qur'an

'...eat and drink but exceed not the bounds; surely, He does not love those who exceed the bounds.' (ch.6 v.142)



Hadith and Sunnah

Don't waste water even if you were by a running river'. [4]

The Holy Prophet (sa) said: 'There is none amongst you who plants a tree or sows seeds, and then a bird, or a person or an animal eats from it, but that would be taken as an act of charity for him.' [6]

The Holy Prophet (sa) also stated: 'If the last day comes and any of you has a palm shoot in his hand then let him plant it first.' [8]

4th Conditions of Bai'at

That under the impulse of any passions, he/she shall cause no harm whatsoever to the creatures of Allah in general, and Muslims in particular, neither by his/her tongue nor by his/her hands nor by any other means.



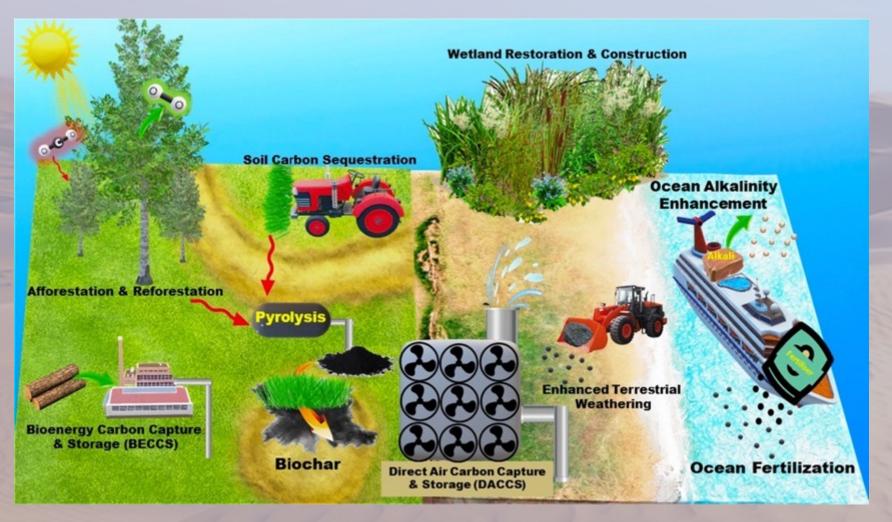


Positive Activism

"A Nation Cannot be Reformed
Without the Reformation of its Youth"



Mitigation and Negative Emissions Strategy



Sustainable Habits

- 1. Eat less meat and dairy
- 2. Cut back on flying
- 3. Walk: leave the car at home
- 4. Reduce your energy use, and bills: insulate!
- 5. Respect and protect green spaces
- 6. Cut consumption and waste (including food waste)

- 7. Take action in your community, talk about it in your friends circle
- 8. Use renewable energy
- 9. Avoid fast fashion and tech trends, learn to repair
- 10. Reduce plastic consumption
- 11. Shop local
- 12. Plant trees!

Meat free menu

Pesto Pasta Sweet potato dish of any kind Caprese Pasta Salad Spaghetti Squash Burrito Bowls Vegetarian Tortilla Soup Spicy Kale and Coconut Fried Rice Classic Minestrone Soup Broccoli, Cheddar & Quinoa Gratin Vegetable Fried Rice

How many vegetarian dishes can you think of in one minute?

Kale Pecan Pesto

Daal

Pakora

Palak paneer

Anda paratha

Vegetable pilau

Allo gobi

Channa

Vegetable samosa

Aloo Chaat



What will makes the biggest impact?

- Make your voice heard by those in power. Ask your government - vote for political candidates who will advocate for climate change related policy improvements.
- Divest from fossil fuel companies.
- Invest your money responsibly.

Allah states:

...and seek not to make mischief in the earth, verily, Allah loves not those who make mischief. (Ch28. V78)

... اور زمین میں فساد (پھیلانا) پسند نہ کر ۔.. یقیناً اللہ فسادیوں کو پسند نہیں کرتا۔

Continually ask yourself...

Think of all that we consume, do we give back? Become a conscious consumer.

Are we acting with absolute justice when it comes to environmental matters?

Islam has always taught us that we are the custodians of the earth, and not its owners.

Nature will provide all that you need. All you have to do is look after it. This will ensure that our future is, inshaAllah, bright *and* green.

References

https://www.alislam.org/library/books/Way-of-Seekers.pdf

https://www.reviewofreligions.org/29427/does-islam-tackle-the-crisis-of-climate-change/

Fawzy, S., Osman, A.I., Doran, J. et al. Strategies for mitigation of climate change: a review. Environ Chem Lett 18, 2069–2094 (2020). https://doi.org/10.1007/s10311-020-01059-w

https://www.bpf.co.uk/plastipedia/how-is-plastic-made.aspx

https://royalsocietypublishing.org/doi/full/10.1098/rstb.2019.0104

https://climate.nasa.gov/scientific-consensus/

https://climate.nasa.gov/causes/

https://royalsociety.org/topics-policy/projects/climate-change-evidence-causes/basics-of-climate-change/

IPCC Report Climate Change 2021: The Physical Science Basis https://www.ipcc.ch/report/sixth-assessment-report-working-group-i/

https://climate.nasa.gov/resources/global-warming-vs-climate-change/

https://unsplash.com/

The Big Picture, Wellcome Trust

