What is Global Warming?

Some energy gets reflected by the atmosphere and clouds The Earth absorbs 69% of the incident radiation on its surface

31% of the incident radiation on earth's surface gets reflected back through icecaps, dry sand

Some energy gets absorbed by the atmosphere

> Some of the reflected energy from Earth is absorbed and reradiated by the GHGs

If the Earth's surface absorbs 69% of the heat and reflects 31% of it then the Earth's temperature should have been -18°C but the Earth's average temperature is 15°C beacuse the Green house gases present in the atmosphere absorbs and re-radiates the energy back to the Earth keeping it warm like a blanket.

The human activities like burning of fossil fuels add more and more GHGs to the atmosphere.

With more and more GHGs being added to the atmosphere due to human activities, this blanket is getting thicker, absorbing more energy and re-radiating it back, making Earth warmer. This rise in temperature of earth due to human activities is called Global warming.





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