

Hurricanes



By My'zhae Smith

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What are hurricanes?



Hurricanes are large tropical storms that produce strong winds, and heavy rainfall. They form over oceans near the equator so the most common areas are in the Atlantic basin, including The Atlantic Ocean, The Caribbean Sea, and The Gulf of Mexico.



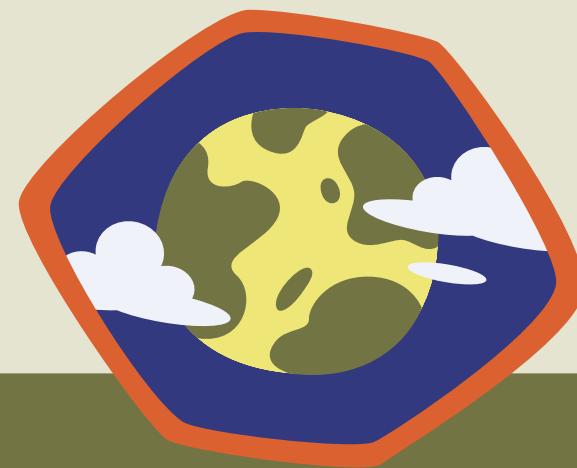
Hurricanes in Earth's Systems



Water Cycle

Hurricanes are in the water cycle

because they involve oceans and water in different forms including rain and clouds.



Climate System

Climate change creates hurricanes

As the earth's surface warms up it warms oceans attracting more heat and creates hurricanes



What causes hurricanes?

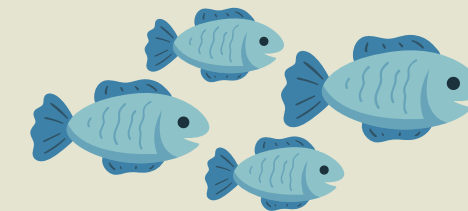


Hurricanes form when ocean water get warmer and evaporates causing clouds to form over the sea

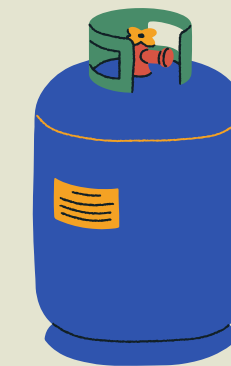
Effects of hurricanes



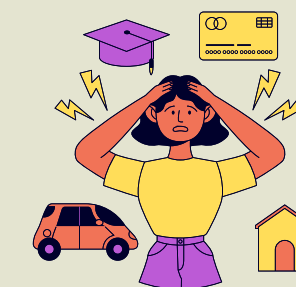
Endangers plants and animals



Kills Fish



Releases toxic chemicals into the atmosphere



Damages homes, businesses, and economy



Preventive Strategies

From citizens



- ⚠ Invest in hurricane shutters
- ⚠ Upgrade windows to hurricane proof glass
- ⚠ Help in trying to end climate change

- ⚠ Anchor roof with hurricane straps
- ⚠ Install storm panels
- ⚠ Use flood-barriers

Preventive Strategies

From government



⚠️ Protect and create natural infrastructure

⚠️ Come up with clean energy solutions

⚠️ Plan ahead instead of after the storms hit

⚠️ Reform the national flood insurance program

⚠️ Put polluters in prudent places

⚠️ Strengthen the clean water act

References



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