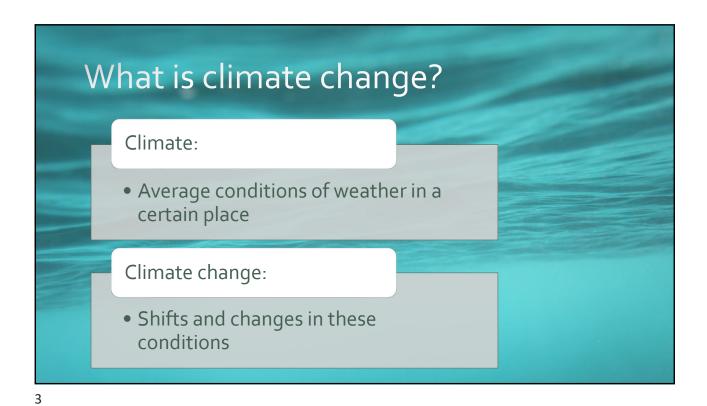


Outline • Introduction: what is climate change? • What is CO₂ & how harmful is it? Consequences for nature, animals & humans Practical example: pressure on sea turtles Short peek into the future What can one do? Handout 2



What is climate change?

natural:

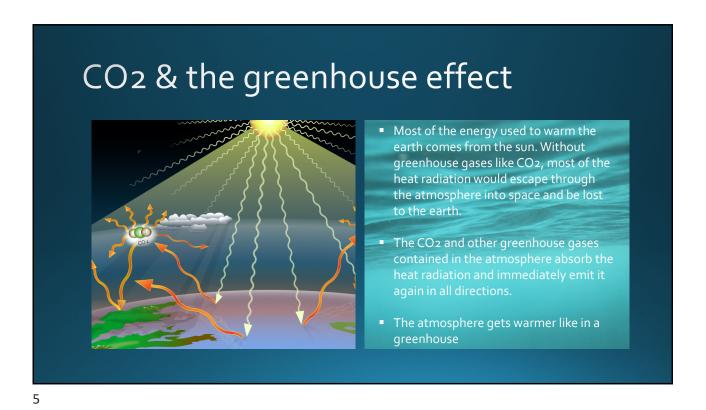
• Sun activities

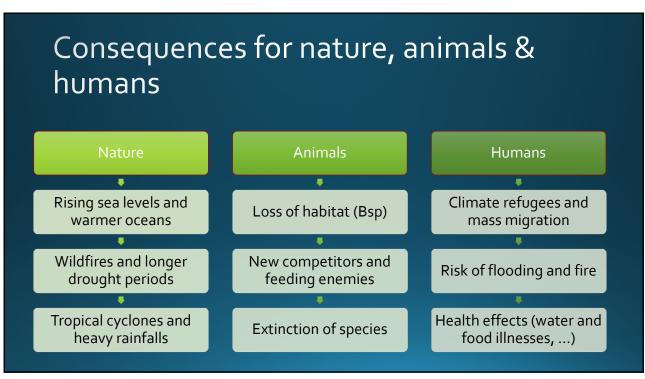
• Volcano eruptions (...)

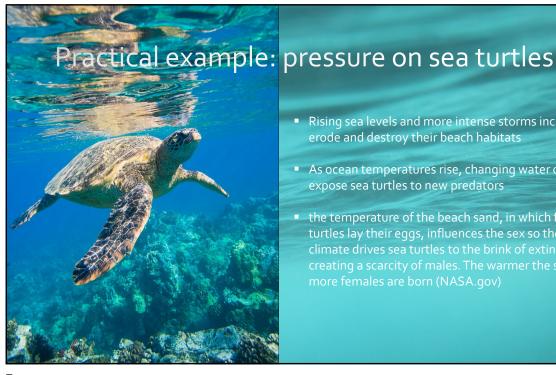
humanmade:

• Since 1800s human activities = main driver to increase climate change

• primarily due to the burning of fossil fuels like coal, oil and gas → CO₂ (un.org)







- Rising sea levels and more intense storms increasingly erode and destroy their beach habitats
- As ocean temperatures rise, changing water currents expose sea turtles to new predators
- the temperature of the beach sand, in which female sea turtles lay their eggs, influences the sex so the warming climate drives sea turtles to the brink of extinction by

Short peek into the future



- No ice in the arctic by 2030
- 2,7°C global warming by 2100
- Increase the frequency, intensity, duration of extreme events
- PH value of ocean falls (→acidity)

What can one do?

Here are some of my ideas:

- Riding the bus instead of using a car
- Instead of Air Condition, open the window for fresh air ©
- Use stairs instead of the elevator
- Take shorter showers to reduce energy



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