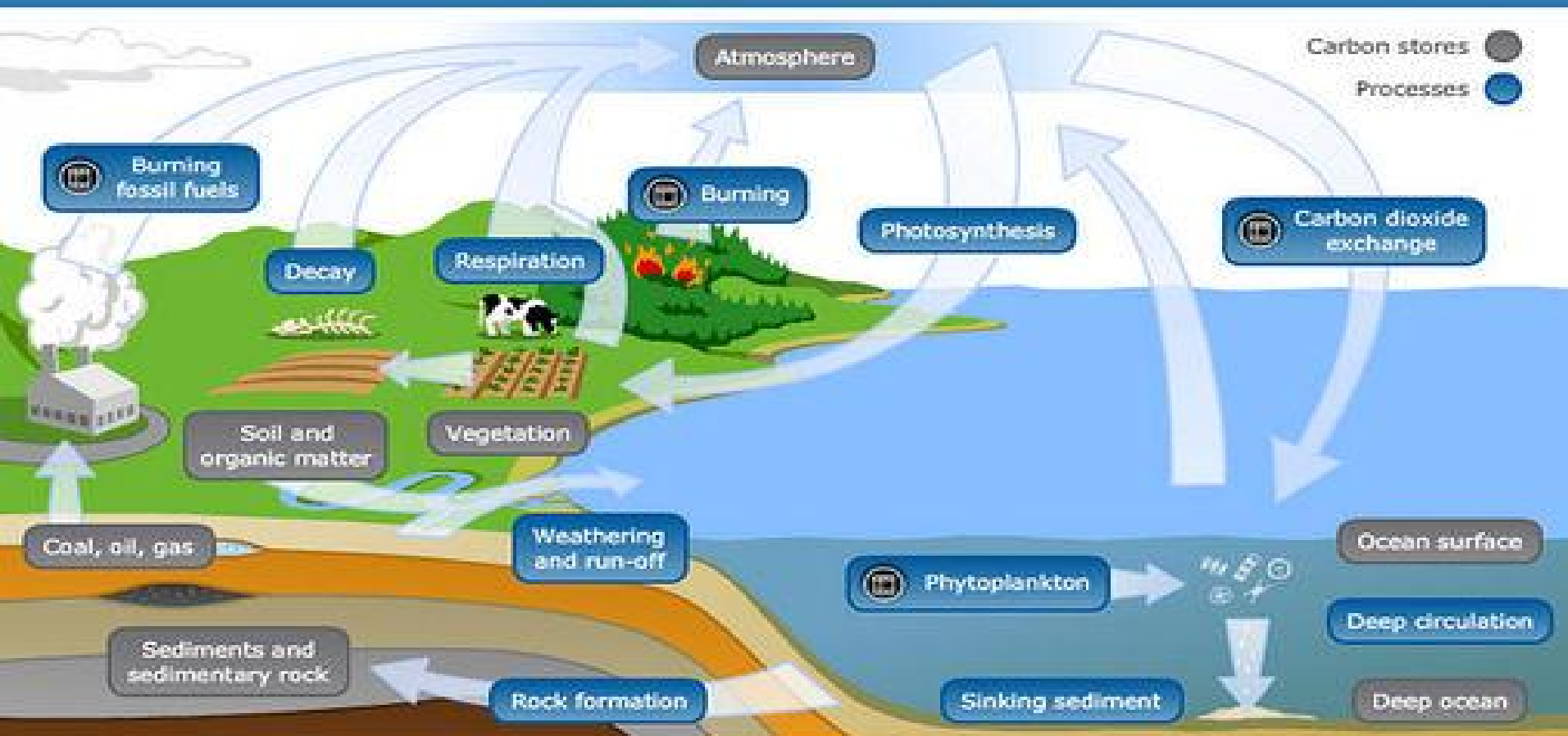


# Climate Change

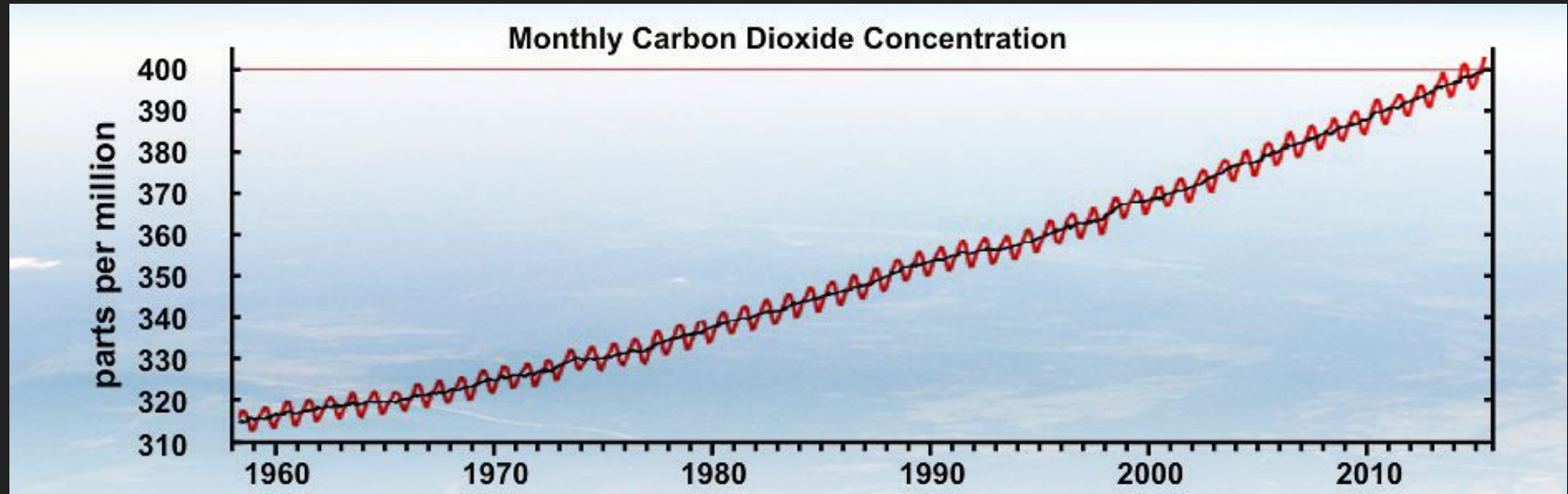


# CARBON CYCLE



# Human Activity Has Changed the Game

- Fossil fuel consumption
- Deforestation
- Amount of Atmospheric CO<sub>2</sub> increasing rapidly



# Most Vulnerable Areas

- Arctic
- Oceans
- Islands and Coastal areas



# Anthropogenic Sources of CO<sub>2</sub>

Burning fossil fuels for energy (coal, oil, natural gas)

Cattle farming

Land clearing

Transportation

# Pikas in North America

Scientists are observing Arctic Pika populations

<https://www.youtube.com/watch?v=XLUGzXAgiqI&feature=youtu.be>

# What does this mean for us?

- Why is climate change so significant to biodiversity?
- Natural resource use
- Lifestyles
- Who and where will feel the impacts more than others?

What can we do??????