

- Heating homes by burning fossil fuels
- Eating a lot of meat
- Purchase of goods produced in other countries
- Travelling long distances
- Purchase of goods produced out of season
- Cattle are responsible for producing large amounts of methane
- Nitrogen oxides are produced due to:
 - Burning of fossil fuels
 - Industrial processes
 - Use of catalytic converters in exhaust systems
 - Use of organic and commercial fertilizers

Coral reefs

- The organisms that build coral reefs are very sensitive to:
 - Water temperature, water acidity and depth of water
- Carbon dioxide concentration in the air leads to increased dissolved carbon dioxide in the oceans, which lowers the pH of seawater
 - Ocean acidification leads to the death of coral polyps and algae
 - The reefs aren't built up anymore
 - This death is called *bleaching* and it interrupts the food chain

Effect of climate change

- Increased temperatures lead to:
 - Droughts
 - Floods
 - Coral bleaching
 - Destruction of agriculture
 - Storms and extreme weathers
 - Increased sea levels
- Politically controversial arguments are non-scientific. They're usually motivated by economic arguments and by their affiliation with industries that produce large quantities of carbon dioxide
 - Would lose revenue if limits were put on carbon dioxide emissions and therefore they promote doubt and controversy