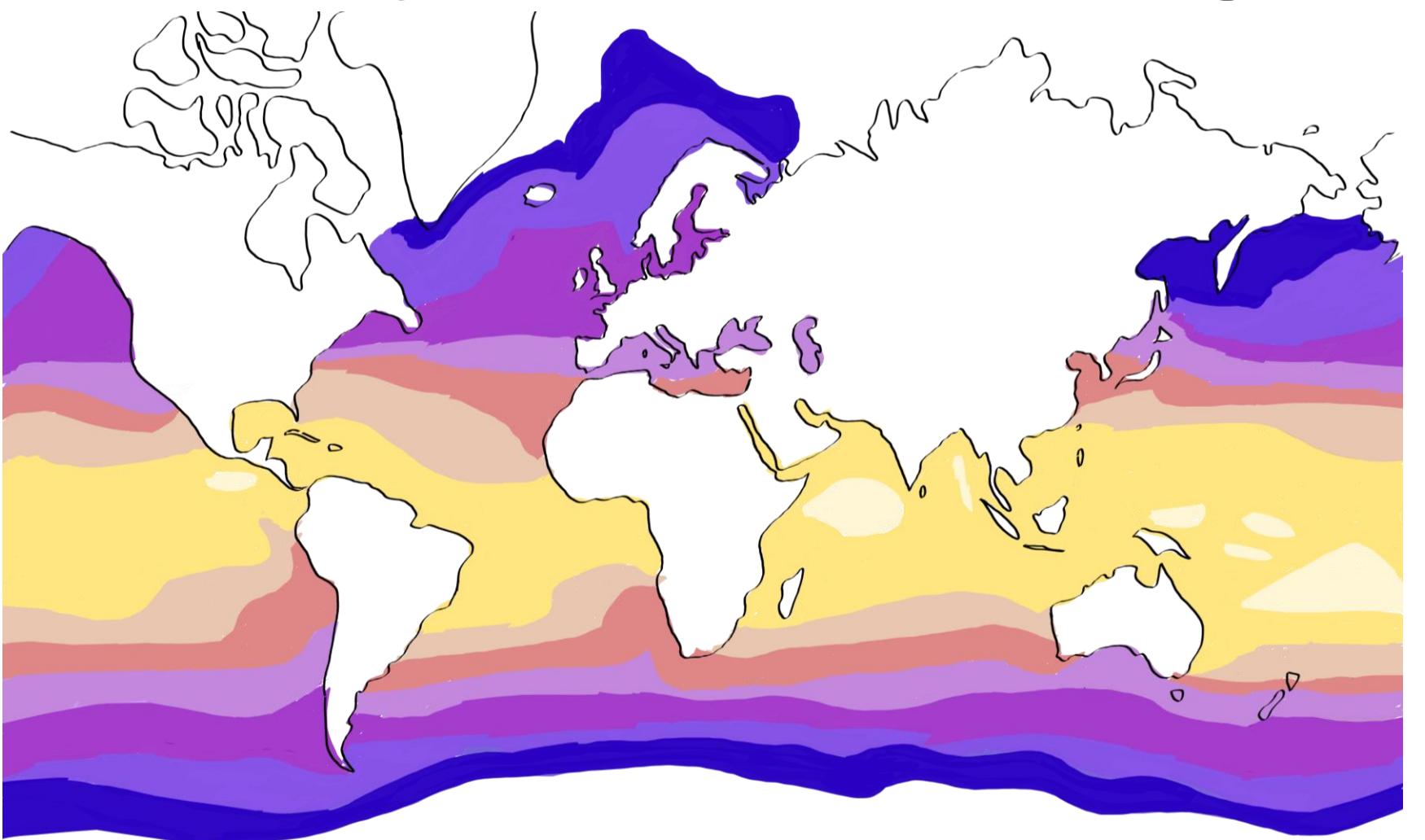


The Story of Climate Change

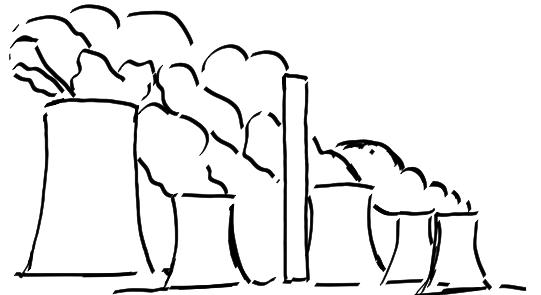


Are increasing levels of atmospheric greenhouse gases causing the ocean to warm up? In this adapted visualisation, Vincent Baumel uses polygon bands to show sea surface temperatures around the world.

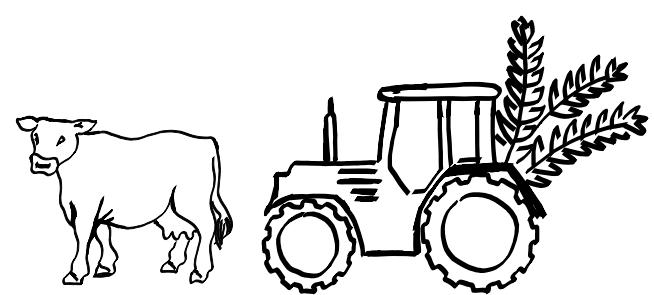
causes



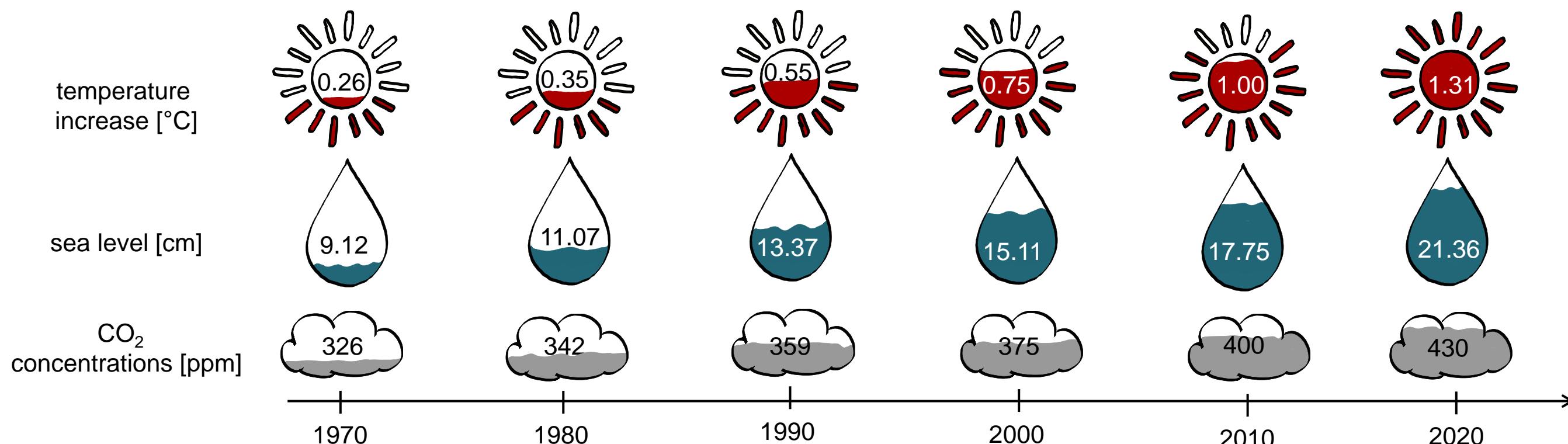
cutting down forest. Trees help to regulate the climate by absorbing CO₂ from the atmosphere. So when they are cut down, that beneficial effect is lost and the carbon stored in the trees is released into the atmosphere, adding to the greenhouse effect.



burning coal, oil and gas produces carbon dioxide and nitrous oxide.



increasing livestock farming. Cows and sheep produce large amounts of methane when they digest their food.



consequences

CO₂ emissions are rising, bringing the average global temperature up with them. This will have an impact on the environment, human health, and will have economic costs. The sea level plays a role in flooding, shoreline erosion, and hazards from storms.

sources: <https://www.climate.gov/news-features/understanding-climate/climate-change-global-sea-level>, <https://www.sealevels.org/>, <https://public.tableau.com/en-gb/gallery/sea-surface-temperatures?tab=viz-of-the-day&type=viz-of-the-day>, <http://www.oecd.org/statistics/climate-change-consequences-of-inaction.htm>, https://ec.europa.eu/clima/change/causes_en