

Evidence of Climate Change

Some will argue that climate change is not happening. Overwhelming evidence says it is. Consider these pieces of evidence:

- 1) Warmer, wetter weather across the globe.
- 2) Melting glaciers, ice sheets and sea ice.
- 3) Rising sea levels due to melting glaciers and thermal expansion
*thermal expansion = water expands slightly when it warms up (particle theory)
- 4) Increase in severe weather such as heat waves and hurricanes .
- 5) Changes in precipitation. Some areas will experience more rain and some will experience drought. Drought can lead to devastating fires!
- 6) Changing seasons. The length of summer will lengthen and winter will shorten.
- 7) Changes in geographic patterns & disruption of ecosystems. So as planets warms up, some animals will migrate to poles where it is cooler, disrupting traditional ecosystems.

Many of these scenarios we saw in the movie "Six Degrees".