



Climate Change In Grimsby

How climate change could affect Grimsby and Humberside

The temperature has risen by 1.8°C since 1979 to 2024 this increases the chances of sea levels rising, combined with existing flood defenses, are projected to increase the frequency and severity of tidal flooding in the Humber estuary and surrounding areas, including Grimsby and Cleethorpes.

Current effect of climate change

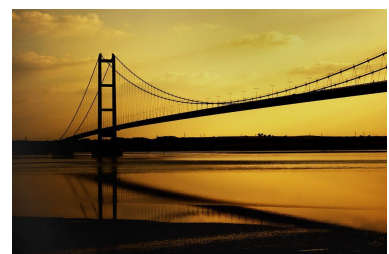
The effects of climate change can be seen since:

melting glaciers, less polar ice caps, sea levels rising, as well as more frequent extreme weather, which are events such as heat waves, droughts, floods and storms. Climate change affects some regions more than others. If you research how climate change has already affected the region of Grimsby during the past 40 years it says more than 1.8°C has gone up.

How does this impact Grimsby (Humberside)?

Climate change will extremely impact Grimsby through the high increased risk of flooding due to rising sea levels. This will also increase the likelihood of extreme weather conditions. As well as change in temperature, rivers will dry up in the summer and then in the winter there will be water flooding.

Pollution



Climate change is expected to change the temperature in the air and water pollution will be a humongous issue in Grimsby, while also introducing new challenges like extreme weather events. These are some of the things that might happen :

Rising temperatures, increased rainfall and sea-level rise could lead to more frequent flooding, potentially contaminating water sources and spreading pollutants. Additionally, changes in weather patterns may worsen air temperatures by increasing ground-level ozone and particulate matter.



Future predictions

One of the main predictions will be that there will be floods in the area since we are local to Cleethorpes beach which will unfortunately give us massive floods that may destroy everything and kill thousands of lives. The reason why we will have floods is because polar caps are melting extremely fast. This could mean polar bears will be taken to extinction because their natural habitat will be destroyed. Not only polabears but other animals that like the cold or land animals because they don't have a home any more.

Climate change in Nigeria

Climate change is impacting Nigeria, leading to temperatures increasing in rainfall, rising sea levels, and more extreme events. These changes mean that Nigeria is forced to go through hard challenges. The effects are already impacting

how people live and how people's well-being is changing, with the poor often affected by the weather.

How is it going to change

In Nigeria, temperatures are rising due to climate change, with serious increases of temperature observed since the 1980s. People are worried that temperatures will increase even more from the decades. Sadly Nigeria is gearing up for more frequent and intense heat waves, with temperatures going over 40°C in many and even reaching record highs. This will affect people's health and not make much work since nobody will like to work in the extreme weather.

Same and difference compared to Grimsby

Both areas are expecting more extreme weather events including floods and heatwaves, but it will depend on when the disasters will happen. Nigeria, with its tropical climate, may face issues like drought in the north and flooding. while Grimsby (a coastal UK town) is more susceptible to rising sea levels and increased coastal flooding.