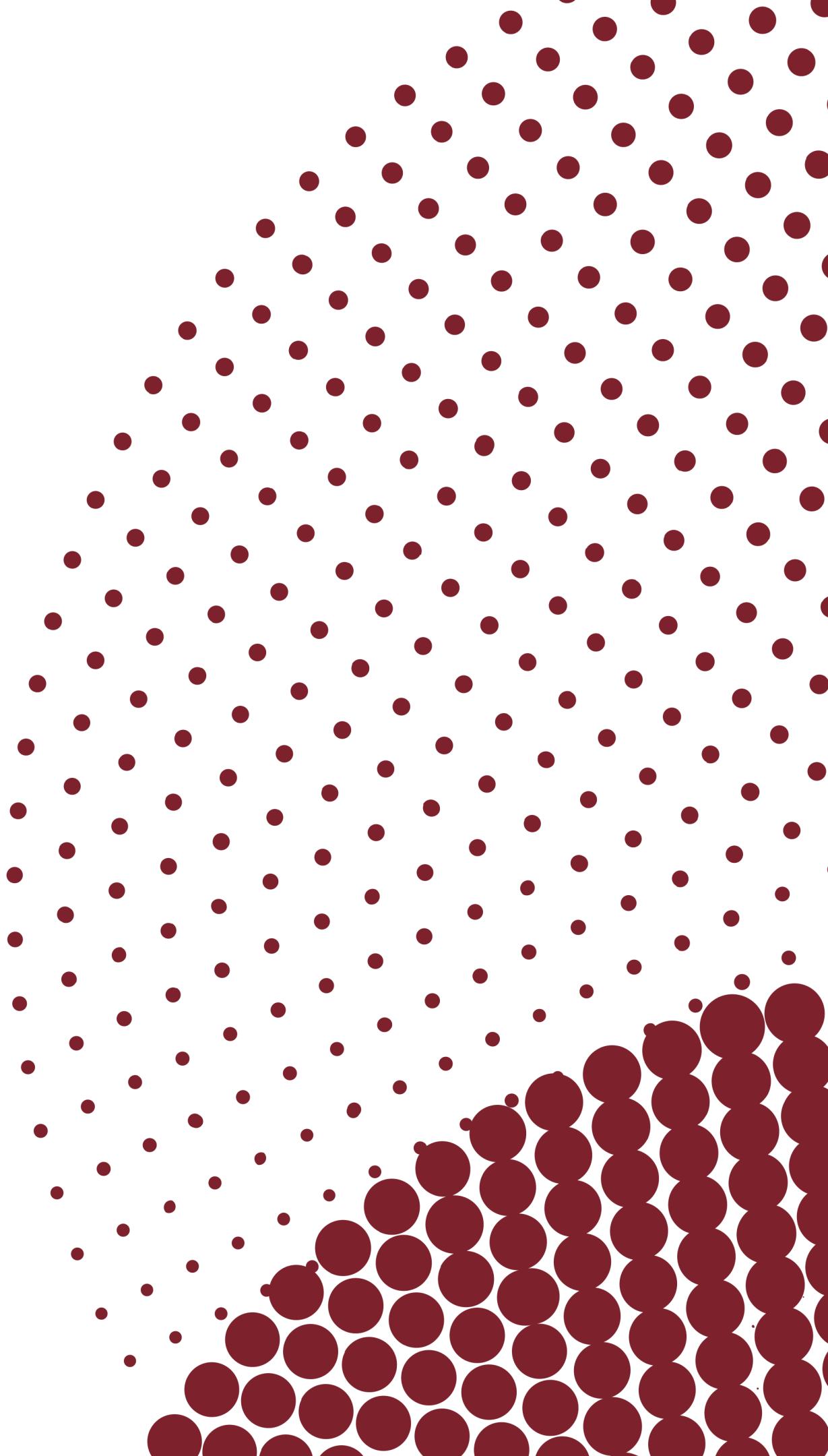




CLIMATE

Understanding Climate Change Trends



Causes

According to NASA, Water Vapour, Carbon dioxide(CO₂), Methane, Nitrous oxide, Chlorofluorocarbons(CFCs) contribute to the greenhouse effect. Over the last century, human activities have increased concentrations of this natural greenhouse.

Effects:

Global climate change has already had observable effects on the environment. Glaciers have shrunk, ice on rivers and lakes is breaking up earlier, plant and animal ranges have shifted, and trees are flowering sooner. Effects that scientists had predicted in the past would result from global climate change: loss of sea ice accelerated sea-level rise and longer, more intense heat waves.^{6"}



Questions

What are the ten most countries that suffer from temperature change mostly in the last ten years? .

What are the ten countries that suffer from temperature change at the very least in the last ten years?

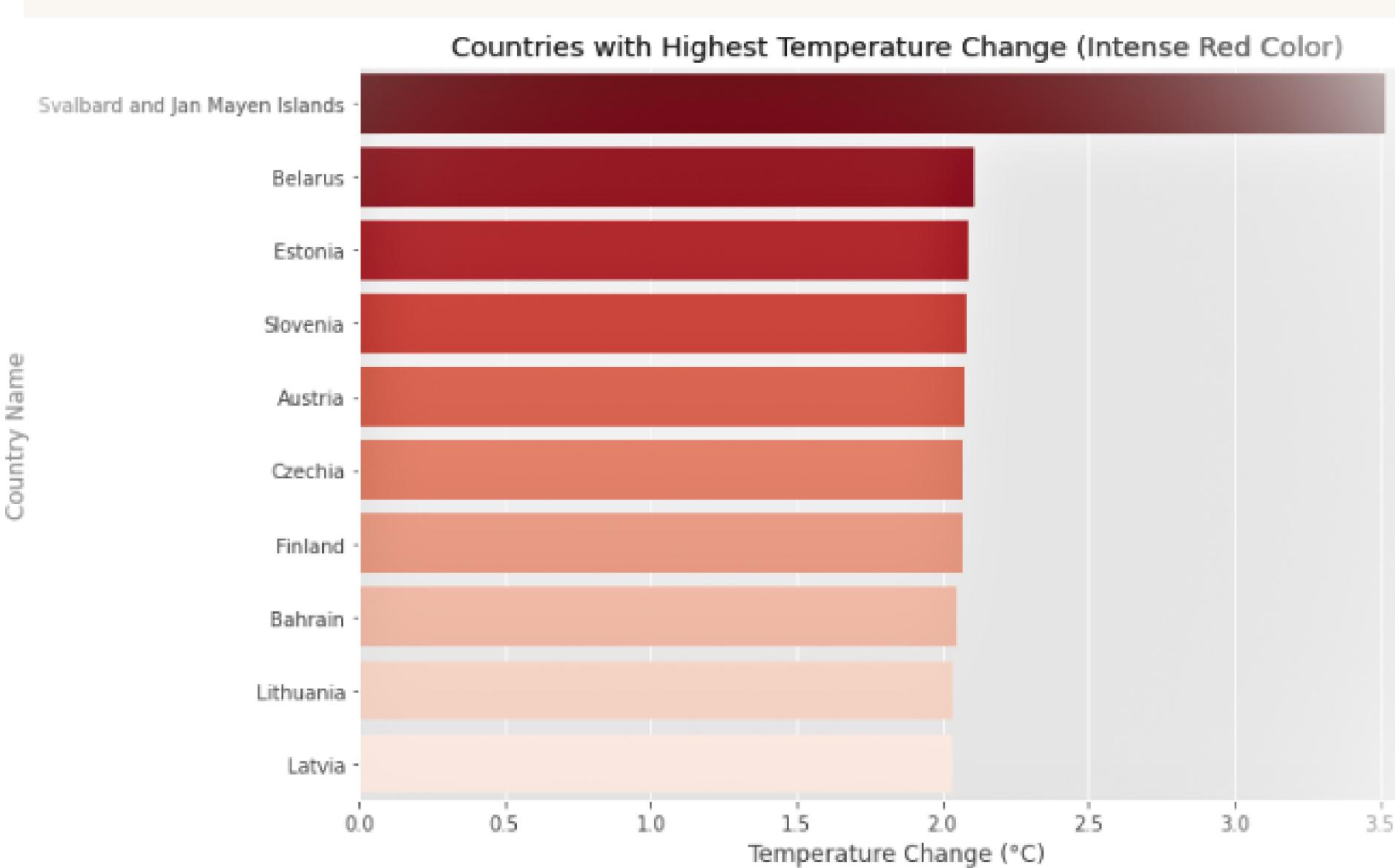
**Is there any significant difference between seasons?
What is the trend of temperature change in the world?**

What is the trend of temperature change in the world?



Questions

1. What are the ten most countries that suffer from temperature change mostly in the last ten years?



why ?

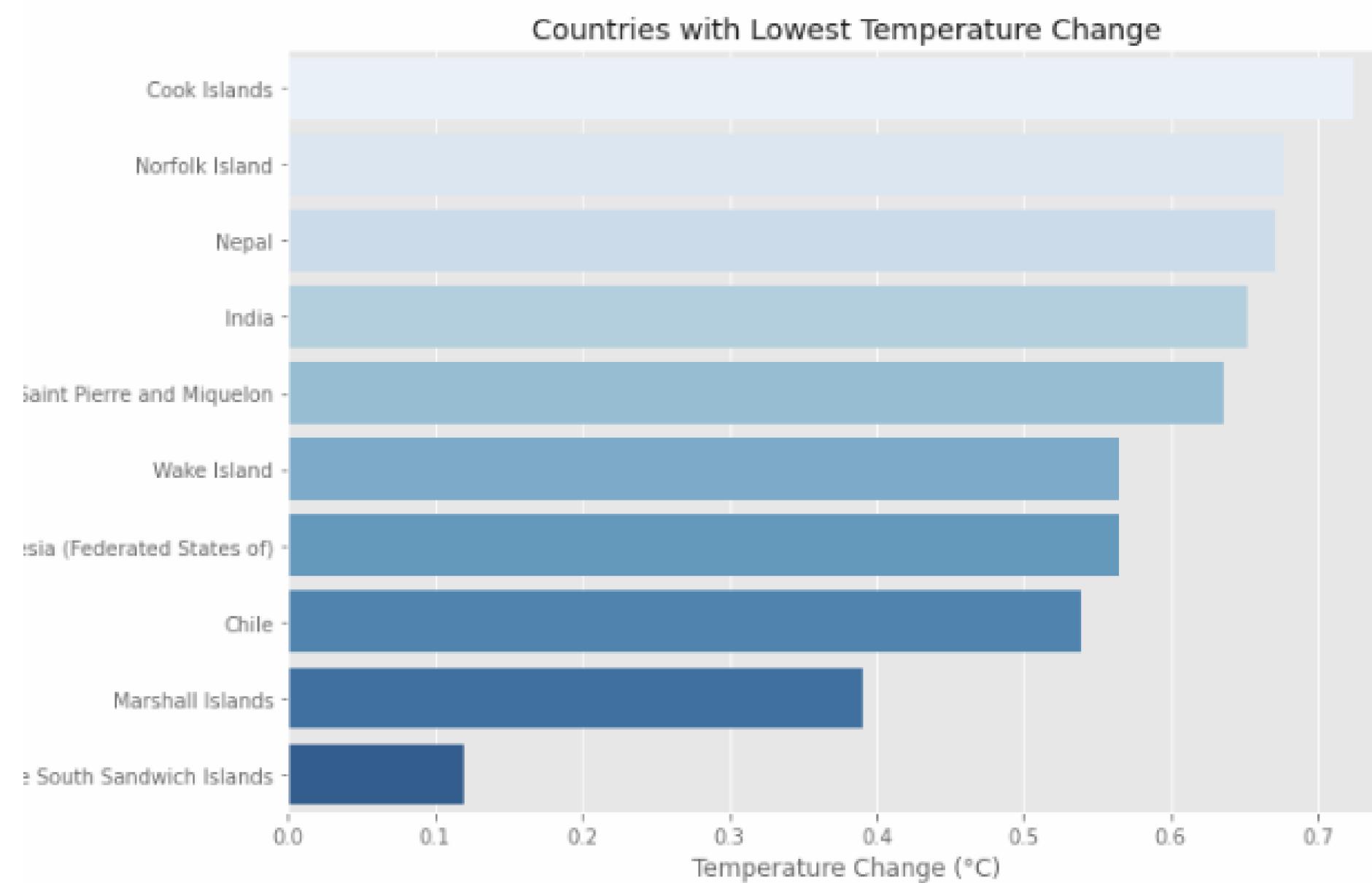
It has already known that Global warming has sped up during the last ten years⁷. And, I wanted to figure out which countries have been affected by this situation most.

Result

- All ten countries are located in Europe.
- The Arctic archipelago of Svalbard and Jan Mayen Islands has experienced the most significant temperature change.
- The high temperature change in these countries is likely due to a number of factors, including the continent's latitude, proximity to the Arctic, and reliance on fossil fuels.

Questions

2.What are the ten countries that suffer from temperature change at the very least in the last ten years?



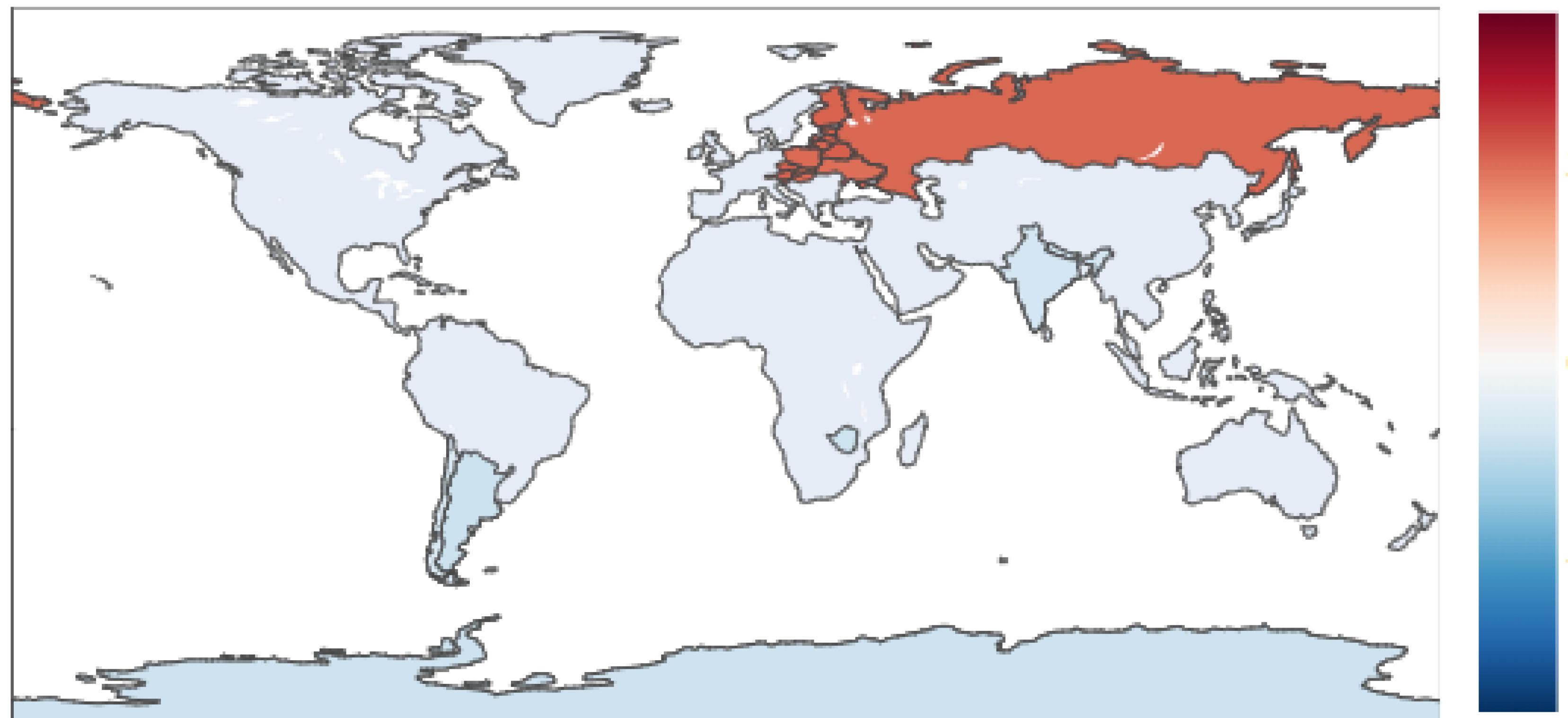
why ?

I wanted to discover the bottom countries with the lowest temperature change in the last decade as the reverse version of the above question.

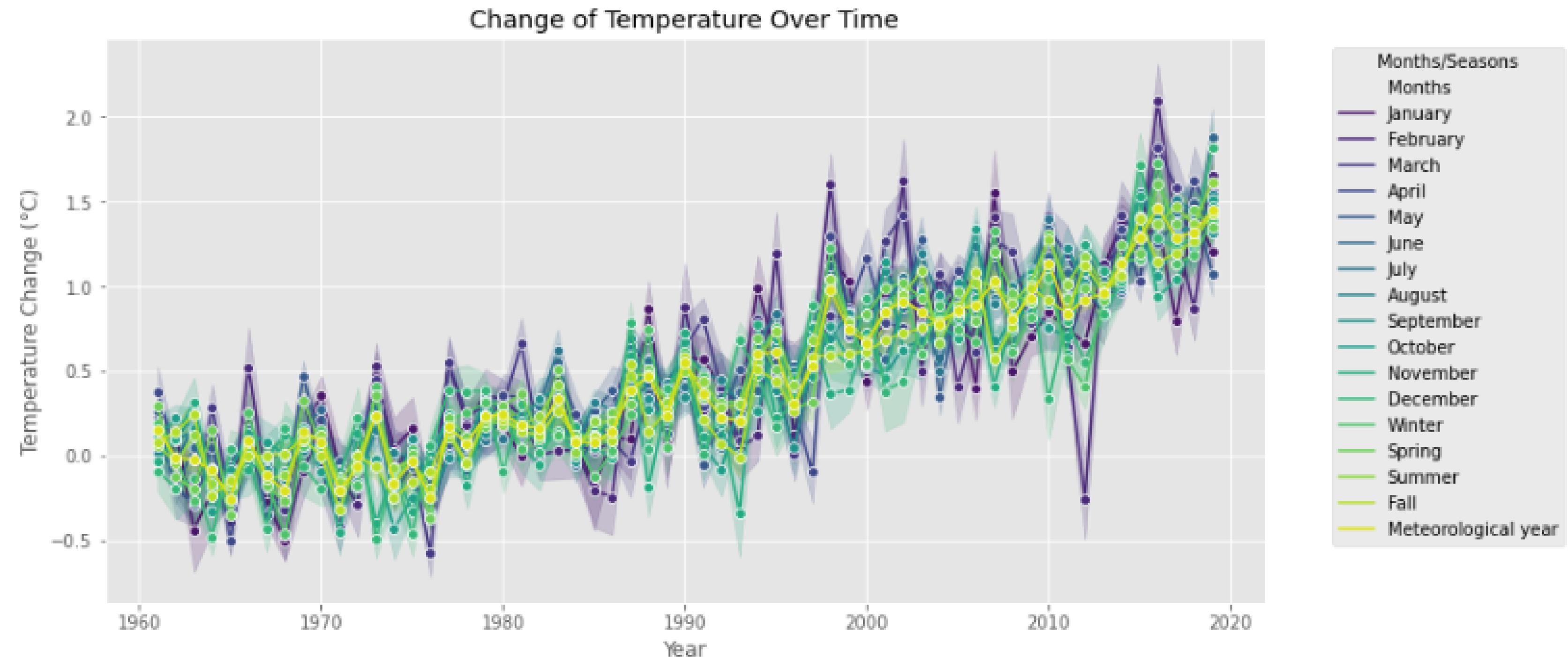
Result

- These countries are located in regions with cold climates, low-lying elevations, or isolation from major climate systems.
- As a result, they are less susceptible to the warming effects of climate change.

Countries with Highest and Lowest Temperature Change

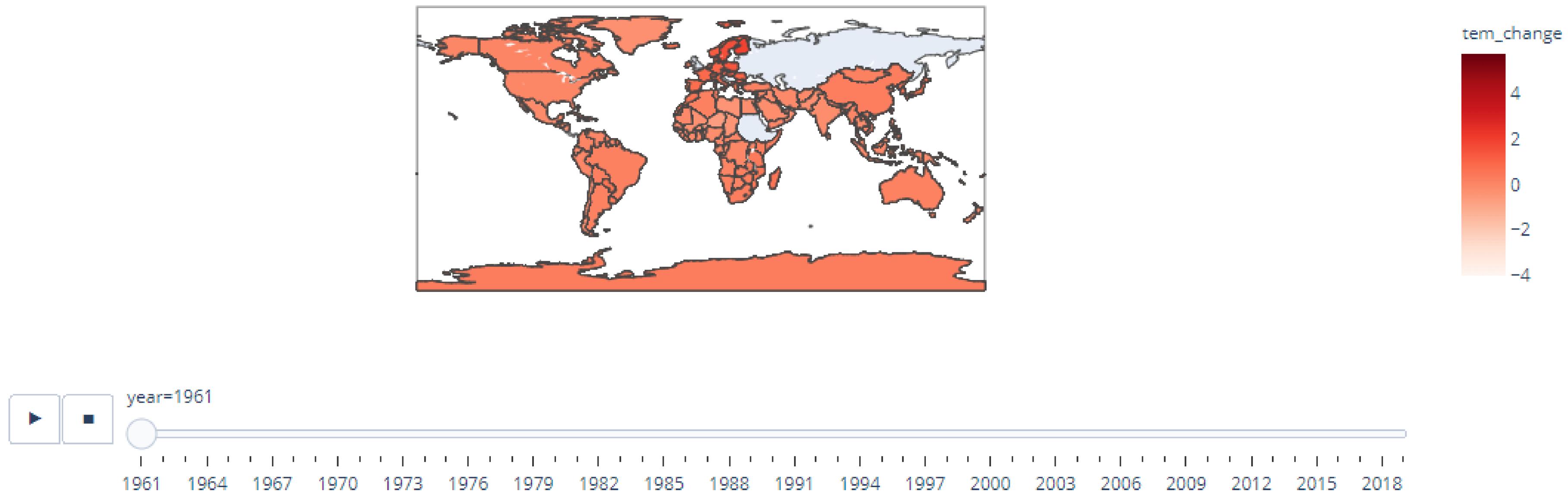


Is there any significant difference between seasons?



What is the trend of temperature change in the world?

Temperature Change Over the Years by Country





Get in touch

Nassam