

The Causes and Effects of Climate Change on the West Coast of Canada

Unfortunately, there are many causes and effects of climate change that can be observed on the West Coast. One effect is the depletion of salmon in parts of British Columbia. Warming weather caused by climate change has caused the water temperature in streams to increase making salmon more likely to catch diseases and parasites. Another result from higher temperatures is that there is less snowpack which causes glacier to retreat and makes streams and rivers have less water. This makes it more difficult for salmon to swim in order to lay their eggs. Many animals, including bears, eagles, whales have less to eat with the depletion of salmon because salmon are an important part of their diet. This even negativity affects several types of fish that eat salmon eggs as part of their diet. Another effect of climate change and global warming is the rising sea levels. Given that British Columbia has a very large coastline, the rising sea levels will bring great concern to many coastal cities such as Richmond, Delta and Vancouver. The increased sea levels are from global warming which causes glaciers to melt. This adds a lot of extra water to the oceans. When water is warm it expands and therefore, when the water in the oceans expands, it causes ocean levels to rise. As a result of climate change, the citizens of the West Coast of B.C. will have to organize to fight the effects. They will have to spend a lot of time and money building dams to protect their cities from the rising sea and are trying to help salmon reproduce and spawn.

My Sources:

"Sea Level Rise Causes". *Sea Level Rise*, 2019, <https://sealevelrise.org/causes/> . Accessed 14 Dec 2019.

"Sockeye Salmon And Climate Change". *World Wildlife Fund*, 2019, <https://www.worldwildlife.org/stories/sockeye-salmon-and-climate-change> . Accessed 14 Dec 2019.