Canada Warming at Twice the Global Rate

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Canada’s temperature is increasing a lot faster than the rest of the world. This was revealed in “Canada’s Changing Global Climate Report”. The report was specially made by Canadian Government website that deals with Environment and climate change. The report mentioned that Canada’s climate is changing and will continue to change at a double rate as compared to global warming (“Canada’s Changing Climate Report,” n.d.). The report also covered some of the key points that were resulting in the increase of Canada’s temperature. The report highlighted that the rise in Canada’s temperature is due to “human influence”. The report also stated that there were more rains in Canada than snow since 1948 and this trend is likely to continue in the 21st century. The temperature ranges have also changed which means that the extreme value of hot temperature is increasing so is the value of extreme cold temperature (Mckinney, et al., 2015). The extreme hot temperature is likely to become hotter and intense. The percentage of land that was covered by snow has decreased over the past 30 years. The sea level is increasing which means that the chance of flooding has also increased. The report also stated that there will also be a shortage of freshwater because of the warmer summers as more water will evaporate and less water will be available for drinking and usage purpose (Searle & Chen, 2016).

The report however, didn’t included any new thing as all of this was predominantly visible to many researchers. The temperature of the north American continent is specially affected by the changes in the environment. However, Canada as whole is even warming twice as much as any other country (Takhsha, et al., 2018). In the northern Canada, the annual temperature has increased by almost 2.3 C (Apr 01 & April 5, 2019). The effects of rise in temperature will be even more evident as it is dangerous to the very existence of the country. Canada is all about glaciers and beautiful coastlines, however, the rise of temperature is shortening the well-known winters of the country by converting snows into rain falls (Li, et al., 2018). One of the major reasons of this rise in temperature is the global increase in the emission of carbon dioxide and if serious steps are not taken against it, the situation will only get worse. The rise in global temperature is much higher than anything that the world has ever experienced and it is affecting the country specifically and the world as a whole (Davenport, Hossack, & Fishback, 2016).

Hotter temperature in the country means that the risks of heatwaves and wildfires as well as draughts can increase exponentially in the coming decades. The oceans are expected to be more polluted with increase in acidity and reduction in oxygen level. This is not only affecting human life but also will affect hugely on marine life (Gonsamo, Chen, Colombo, Ter-Mikaelian, & Chen, 2017). On the land, the famous polar bears will find it difficult without extensive snows. In few decades, parts of the Canada’s Arctic ocean will face ice free periods. Not only the rise in sea level will cause more flooding but the increased rain fall will also amplify the risks of flooding (Zhou, Huang, Baetz, Wang, & Cheng, 2017).

The government of Canada is taking extensive steps at federal level and have also warned the provinces two years ago and told them to contribute towards the reduction targets of the country. The federal government have accused Ontario, Manitoba, Saskatchewan and New Brunswick of failing to reach their target of reduction (Sand, et al., 2015). The government is also planning to add a carbon tax to the fuel i.e. is equal to 4.4 Canadian cents per liter which will almost double by that of 2022. The Government is also planning to introduce “Climate Action Incentives” to compensate households (Zhou, Huang, Wang, & Cheng, 2018).

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