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CLIMATE CHANGE: IT'S IMPACT ON THE EARTH AND IT'S CONSEQUENCES

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Climate change is a very real issue happening right now in the world. It is the result of centuries of negative effects done by humans to the atmosphere and the surroundings of the earth. There are many causes to climate change, some natural but unfortunately most of the effects are a result of human activities and industrialization. We need to start taking measures to reduce our carbon footprint and prevent any further damages to our environment. We found the main cause of these climate changes is due to a process called greenhouse effect. This effect normally is what keeps the earth warm and makes it a livable place. It occurs by gases in the air like carbon dioxide trapping the sun's heat underneath them. When this process happens too much, known as a runaway greenhouse effect, it causes the temperature of the earth rise. A rise in global temperature might sound like a small thing, but it starts a chain reaction of dangerous events. We are already experiencing these consequences in the form of more extreme weather events. As the temperature will increase, the atmosphere will become more humid and as a result, storms and heavy floods as well as severe droughts will be experienced. This will create much more rainfall than normal to rupture flooding. Nonetheless, higher temperatures enable water to evaporate more quickly, thereby draining water supplies and triggering droughts elsewhere. Droughts will dry out vegetation which in turn will increase the risk of fire. Because of higher ocean temperatures, tropical storms are becoming stronger with faster winds and more rainfall. The temperature of oceans are increasing and tropical storms, hurricanes and cyclones are becoming stronger.