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Global Warming as a Worldwide Threat

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Global Warming as a Worldwide Threat

This is abnormal increase of temperature on the earth over the past century due to burning of fossils, deforestation, agricultural and greenhouses gasses combined. Due to that the temperature rose between the years 1880 to 1980 by 0.07 degree Celsius. Since the year 1981 the temperature has continuously increasing by more than double according to (Khandekar, M. L., Murty, T. S., & Chittibabu, P. (2005)). We have seen annual temperature globally rising up to 0.8c for the last 40 years according to 2018 paper environmental research paper letters. We are going to see the threats caused by global warming worldwide like climate change, extreme weather, high rate of dates, high rates of wildlife extinction, dirtier air, acidic oceans and also higher levels of sea water.

Climatic changes

The temperature has increased tremendously and it has affected the earth's climate. The primary causes of these changes are caused by human beings since they are the ones who burn fossils, fuel use, agricultural, deforestation, greenhouses gasses and industrial practices, notably methane and carbon dioxide (CO₂). Radiation takes place after the greenhouse gases absorb some heat from the sunlight. Now it traps more heat on the earth to cause global warming. The climate has changed since the wildfire is now common because the arid areas are expanding day after the other, intense storms and extreme droughts caused by high temperature and also extreme weather according to (Collins, M., An, S. I., Cai, W., Ganachaud, A., Guilyardi, E., Jin, F. F., ... & Wittenberg, A. (2010)). Abnormal changes of climate have forced some species to extinct or to relocate for survival. We are told that even if we stop polluting the environment the effects will just continue for more years to come. These effects are; ocean acidification, ocean heating and also sea level rise

More frequent and severe weather

According to (Pozo, K., Sarkar, S. K., Estellano, V. H., Mitra, S., Audi, O., Kukucka, P., ... & Corsolini, S. (2017). Due to this changes of climate the disasters are many everywhere in the world and the weather pattern is changing too whereby dry areas is becoming drier and wet areas is becoming wetter. Prolonged drought always jeopardizes many things like wildfires which are uncontrollable, fuel out of control and also access for clean water for drinking since lack of water leads to cause of deaths around the world and some dangerous diseases in both human beings and crops at the same time. On other hand heavy rains makes rivers overflow which leads to damages of property and life, contaminates clean water for drinking and it also creates hazardous material spills and facilitates mould infestations and unhealthy air too. A warmer world is also a boon for waterborne and foodborne diseases and illnesses - carrying those insects like fleas mosquitoes and hazardous materials. That's why today's scientist says that the global warming is the biggest health threat in the world.

Dirtier air

The rising of temperatures worsens air pollution when ground level increases ozone smog which is automatically created by pollution from factories and cars and also other sources when they reacted to the heat from sunlight according to (⁴ Milligan, S. R., Holt, W. V., & Lloyd, R. (2009)). Smog's main component is Ozone and when it gets hotter the more we inhale it and people will contract diseases like asthma, pulmonary, cardiac and other respiratory diseases which always lead to deaths.

Higher wildlife extinction rates

According to (Armaroli, N., & Balzani, V. (2007). As the global warming is taking shape not only human beings are facing challenges but also all creatures on land and in the sea are facing the same threat since there are also rapid changes in the sea and land, the animals and sea creatures are doomed to adapt in time or else they will be faced out and become extinct.

It's evident that some will make it and some won't. (Sixth assessment report) whereby it warns that the extinction of species is deeply increasing with the rise of temperature due to global warming with specifically invertebrates (pollinators) and also flowering plants being among the vulnerable. The study also show that animals with backbones are also disappearing 100 times than extinction natural rate due to global warming caused by human being.

More acidic oceans

Ocean is now becoming acidic, marine ecosystem is under pressure because of climatic change. They have become acidic because they absorb excess emission. As the ocean becomes acidified it has a serious threat to the sea creatures like crabs, molluscs, and also corals.

Higher sea levels

The two poles (North Pole and South Pole) are vulnerable particularly to a warm atmosphere, that's according to² (Tebaldi, C., Ranasinghe, R., Voudoukas, M., Rasmussen, D. J., Vega-Westhoff, B., Kirezci, E., ... & Mentaschi, L. (2021)). The place like arctic the average temperate is rising as fast as other places on earth, which means that the world's ice is melting. This means that there could be the rise of sea levels of water which will lead to more consequences to those people, animals and plants/crops around those areas especially the coastal systems and also low lying neighbourhoods, Island Countries and towns in the world like New York City, Miami, Los Angeles, Mumbai, India, Sydney, Australia and Rio De Janeiro.

Conclusion

As it is for now global warming is the most dangerous situation to all creatures including human being is facing in the world since the climate is changing day after the other and disasters are increasing uncontrollably as we have seen that dry areas are becoming drier and wet areas are becoming wetter which is very dangerous to all creatures. People dirtier air from ozone layer is also killing creatures with respiratory diseases, we are also facing extinction of creatures that are not going to adopt in time. Marines are not left behind since the oceans absorb excess emissions and the water is becoming acidic which is also very dangerous for sea creatures and human beings. Finally we have seen the sea ice is melting at north and South Poles which will make the sea levels to increase and lead to the destruction of those Island countries and coastal cities in a big problem.

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