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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 worming worldwide like climate change, extreme weather, high rate of dates, high rates of wildlife extinction, dirtier air, acidic oceans and also higher levels of see water.

Climatic changes

The LP.C.C (Intergovernmental Panel on Climatic Change) has discovered that the temperature has increased tremendously and it has affected the earth's climate. There could be even more changes in future of up to 1.5 degrees Celsius increase of temperature. 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. Activities by humans are believed to have contributed up to 1.0C of global warming approximately than preindustrial level which is anticipated to range between 0.8celsius and 1.2celsius. So the global warming might reach 1.5C by 2030 to 2052 if only it will continue rising at the same rate it is increasing. There are so many human activities which contributes much to the disaster of global warming currently like radiation which takes place after the greenhouse gases absorb some heat from the sunlight. Now it taps 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 for example butterflies and logs which research shows that their species level and population level shows that extinction is seriously occurring. 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) like the year 2005 and 2010 were the warmest years in history globally since the year 1880. Both years were exceptionally noted to have the most damaging weather events like Hurricane Katrina (2005), and the deadly heat wave in Russia (2010), other events which were remarkable in 2010 are the warmest year in Canada and the driest year in Southwest of Australia. 2011 also continued with the same form with flooding in Australia also the hottest summer in USA history which devastated drought and wildfire in new Mexico Texas and Arizona and also the flooding history in Lower Mississippi, North Dakota and Northeast. Now we can see that the year 2010 being the warmest year on history and it is also the disastrous year which means global warming is causing extremely dangerous weather. 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 properly and life, contaminates clean water for drinking and it also

creates hazardous material spills and facilitates mould infestations and unhealthy air too. A wormer 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 heath threat in the world.

Dirtier air

Higher wildlife extinction rates.

Reduction of emission of things like black carbon and some other short lived pollutants which contributes much in global warming could at least buy time for the world crucial moment while the governments start to slow overhaul the systems of global energy that is anticipated to reduce emission of carbon dioxide which is 77 per cent of all emitted gas in greenhouse. Now the danger comes in when 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 (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.

For the next 30 years it has been suggested that the extinction through those tropical forests the loss of species is occurring at the rate of up to approximately 100species per day and 1,200 extinction has been recorded for the last 400 years. 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 adopt 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

Due to thermal affects trans generational changes to elevate carbon dioxide, that might mitigate the effects of high carbon dioxide on the survival growth of reef fishes. According to (Pozo, K., Sarkar, S. K., Estellano, V. H., Mitra, S., Audi, O., Kukucka, P., ... & Corsolini, S. (2017) the latest discovery reveals that the elevation of carbon dioxide has a wide range of effects of sensory response and behaviour of reef fish with other consequences like timing of habitat, settlement, selection, individual fitness and predator avoidance. Now the physiological underlying mechanism seems to the interference of acid base which processes with the brain neurotransmitter functions. Ocean is now becoming acidic, marine ecosystem is under pressure because of climatic change by global warming. The sea has 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

Global mean water in the sea is steadily increasing over the last century and it's anticipated to surpass by the end of this century and the trend will continue even after the year 2100 unless they reverse the current global temperature trend. The reason behind the increase of sea water levels is the dominance of ocean worming and also the loss of glaciers. From the records of the past it suggests that important contribution should be expected Antarctic ice sheets and Greenland. The sea level is expected to rise approximately 2.3m¬C within 2000 years coming due to the thermal expansion which occur in the ocean that will neutralise

Antarctic ice sheet to contribute 0.4m¬C AND 1.2m¬C of warming also the Greenland sheet is overcompensated by glaciers. Now the sea level is expected to rise up to 2.3m¬C within 2000years coming. That's why the two poles (North Pole and South Pole) are vulnerable particularly to a worm atmosphere, that's according to (Tebaldi, C., Ranasinghe, R., Vousdoukas, 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 Jeneiro.

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 see 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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