

Dear Prime Minister Hun Sen,

I'm writing to urge you to take steps to mitigate the effects of climate change because you are an influential person who has the authority and power to do so. Long-term changes in temperature and weather patterns are referred to as climate change. These changes could be due to natural causes, such as fluctuations in the solar cycle. Climate change is primarily caused by human activity, it is a problem that affects everyone on the earth, and we need to work together to find solutions.

As a result of climate change, humans and wild animals are facing new survival threats. Droughts that are more frequent and serious, hurricanes, heat waves, rising sea levels, melting glaciers, and warming oceans can all damage wildlife, kill their habitats, and disrupt people's livelihoods and communities. A change in a location's typical weather is referred to as climate change. This may be due to a decrease in the amount of rain that a location receives on a yearly basis. It may also be a change in a location's normal temperature over the course of a month or season. Climate change is a concept that refers to changes in the Earth's climate. This may be attributed to a change in the Earth's natural temperature. It may also be a change in where rain and snow fall on Earth. Moreover, climate change is affecting the air that we breathe, the water that we drink, the crops we use for food, etc.

Is it real? As technology has advanced, science could determine the real-time rate of global climate change. Scientists have been able to modify climate change using Earth-orbiting satellites and other technological advancements, which have enabled them to collect a wide range of data regarding our world and its environment on a global scale. There is no doubt that the levels of greenhouse gases would cause the Earth to warm. Climate change occurs when Carbon dioxide and other air pollutants and greenhouse gases are trapped in the Earth's atmosphere, absorbing solar radiation, and bringing more direct heat onto Earth's surface. The melting of ice cores from Greenland, Antarctica, and the tropical mountain glaciers show that Earth's global temperature responds to changes in greenhouse gas levels.

For centuries and decades, human activities have always been the main responsibility for global climate change. Day by day, humans are triggering the influence of climate change, by burning fossil fuels, deforestation, agriculture, etc. Certain gases that are active in the greenhouse effect, include carbon dioxide, nitrous oxide, methane, and water vapor. "CO₂ is the greenhouse gas most commonly produced by human activities and it is responsible for 64% of man-made global warming. Its concentration in the atmosphere is currently 40% higher than it was when industrialization began," etc. The rising emission of greenhouse gases is caused by burning coal, oil, and gas, which releases carbon dioxide into the atmospheric layers. Deforestation is a mass project of cutting down trees. Forests and trees help regulate climate change, by absorbing carbon dioxide in the atmosphere. However, its beneficial use will be lost after being cut down.

We can leave our planet in a better and more beautiful state than we found it by

working together. Everyone can have a role in limiting climate change. From the electricity we consume to the food we eat, everything is connected. We can join in together to contribute to recycling and reusing paper, plastic, glass, and metal. Plus, save energy by turning off lights and disconnecting non-essential items. Minor changes like these can have a huge impact. I personally think that there are many things the government can and should do. First, start by giving subsidies to organizations that work to reduce climate change. By doing this, it gives them the motivation to work harder for their country (incentive) and it could be their reward. Furthermore, nature must be respected at all times. Rivers, lakes, oceans, and forests (trees) absorb enormous amounts of carbon, reducing warming. Governments must conserve ecosystems critical to the fight against climate change. Wetlands absorb extra water from floods and droughts, both of which are made worse by climate change. Small local producers, unlike huge industrial farms, use sustainability methods, care about soil conservation, help surrounding communities, and make animals and crops more climate adaptable. Governments can make a difference by supporting them. It's not so much about everyone becoming vegetarians as it is about supporting people who produce our food in an environmentally friendly manner.

Sincerely,
Sandonna Meng