

# IS CLIMATE CHANGE RESPONSIBLE FOR COLDER WINTERS?

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Source: nytimes.com

As the name suggests, climate change is the "long shifts in temperature and weather patterns" which means there could be longer than usual and colder winters, and many other variations. Climate change is indeed responsible for colder winters. Earlier people drew a correlation with the fact that colder climates meant that global warming isn't real, hence, a more appropriate term coined by the National Academy of Science used the latter in a study on carbon dioxide in 1979. Climate change is caused due to numerous factors like greenhouse gas emissions which are resulting in the melting of polar ice caps, exploitation of natural resources, pollution, and destruction of forests. Increasing urbanization has caused the loss of forest cover and the intensified use of concrete has resulted in more carbon dioxide emissions, due to its manufacturing.

A recent study published in the Journal Science stated that extreme cold could be inflicted due to Arctic warming. It also stated that cold waves can become more likely with global warming or climate change. In February 2021, an incredibly severe cold wave hit vast portions of North America, from Canada to Northern Mexico and left 10 million people without power. The impact was most drastic in Texas which alone had more than 125 deaths related to the incident.

## DID YOU KNOW?

Oymyakon is the coldest permanently-inhabited place on Earth and is found in the Arctic Circle's Northern Pole of Cold. In 1933, it recorded its lowest temperature of  $-67.7^{\circ}\text{C}$ .



This is just one of the few tragic events that are taking place because of climate change. It feels miserable to learn that many of them are preventable and still worse to know that these are direct consequences of our reckless actions and greed.



Source: bbc.com

Our planet is at stake and it's high time to take action. There's a need to overcome our differences, whether of generation or identity and to stay united, practice sustainable development and be optimistic for a bright future. There are ever-so-raging movements and protests to save the earth and a lot of hope in the people. A beautiful quote by Helen Keller goes,

"Although the world is full of suffering, it is also full of the overcoming of it."



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### **INTERNATIONAL DAY OF CLIMATE ACTION**

"International day of climate action" was organized to influence the delegates going to the United Nations framework convention on climate change meeting in December, 2009. This was the first Global Campaign ever organized around a scientific data point. The group reports that they organized the world's "Most widespread day of political action" on October 24, 2009, reporting 5,245 actions in 181 countries.