

Generation Restoration: Shaping our Future

(Original)

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The issue of climate change has risen to the status of a global emergency. Human actions like cutting down trees, burning fossil fuels, and altering land usage are the main culprits behind this occurrence. A huge spike of interest in climate change occurred in the late 1980s and 1990s, when phrases like "global warming" and the "greenhouse effect" became commonplace. Professor Hubert Lamb, an eminent climate historian, has stated that in order to comprehend the current climate and its potential future variations, one must first comprehend the causes and effects of past climatic fluctuations.

Notwithstanding, the average world temperature has increased by around 0.6°C since the middle of the eighteenth century. And since Iceland's economy is very sensitive to even little changes in the weather, the return of sea ice to Icelandic waters in the 1960s was a welcome development. The herring fishing business and animal production were both hit hard as a result of the decreased hay crops, which in turn hurt their economy.

Fortunately, most of the recent warming of the planet has happened at night, according to another finding. The average increase in temperature from a century ago is 0.84°C for the night and only 0.28°C during the day. General Circulation Models (GCMs) are the most popular tool for predicting future weather occurrences since they simulate the atmosphere in great detail. If we want to know how effectively these models capture trends in the actual atmosphere, we'll have to compare them to historical or current climate data.

It might seem as though these issues in our current world are impossible to solve, because nobody is willing to change their opinions. But even before trying to convince others, we need to start with understanding why others believe in what they believe. There are even many cases in which both sides of an argument are ultimately trying to achieve the same goal, it is simply that the way they are trying to

achieve it is different. Therefore, I strongly believe that breaking down barriers between us and cooperating with each other will surely lead us to a peaceful path.

History is very dark and scary, but we cannot live in it, we have to look ahead and keep fighting.