

Analysis of Global Warming Countermeasures

1. Motivation behind Research Paper

Global warming is now a worldwide problem. I didn't know about global warming until I took a class about it in high school. Before I learned about global warming, I only thought the earth was getting hotter and hotter and someone would solve this problem. However, now I found it was wrong. I think we all need to learn about global warming in order to live on the earth from now on.

2. Introduction

A study conducted by the Japan Center for Climate Change Actions found that, in 2020, most of Japan's carbon dioxide emissions came from lighting, appliances and automobiles. Carbon dioxide emissions from heating are about six times higher than from cooling, so I personally reduced the use of my air conditioner from January to April 2022. This was done through the following methods. Firstly, I spent less time in my room, opting to rather spend time in the family areas of my home so that I used the air conditioner less. Secondly, I controlled how much I ate and drank. This was compared to someone who does not take any measures to reduce electricity usage.

3. Results and Analysis

Time of air conditioner use and CO2 emissions from January to April

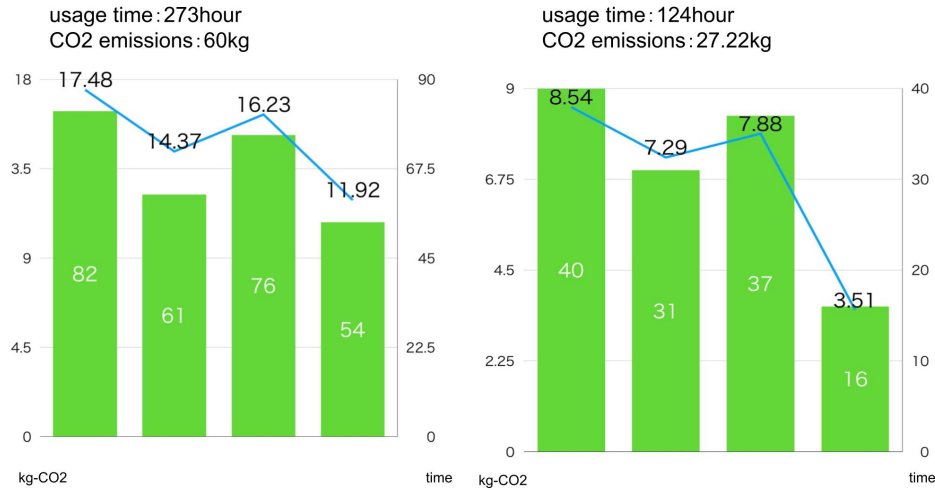


Figure 1. Graph showing the hours of air conditioner use.

The graph shows that people who took measures to reduce the emissions of carbon dioxide only used half the amount of electricity as those who didn't take any measures from January to April. There is a difference of about four times in April. Therefore, I knew that the three measures of spending a long time in family spaces, controlling body temperature with food and drink, and staying home for shorter periods of time are good measures. I could reduce carbon dioxide emission. As a result, everyone can easily contribute to stopping global warming. It would be easy for everyone to implement these measures. In particular, controlling temperature with food and drink is easier. You can eat what you want, when you want.

I think the biggest reason for this large difference is the time spent away from home. I was on the basketball team and the other person was not. That made a big difference in the results since many people nowadays tend to spend their free time at

home. Instead of staying home, spending time at a nearby supermarket and exercising outside is also an effective measure to stopping global warming. We could do more to reduce our carbon dioxide emissions by finding other ways to do more.

4. Conclusion and Future Problems

If we change our way of life a little, we can help the suppression of global warming. We did this survey in a pair, therefore I think the graph is not accurate. At least these measures will have a good effect on the environment. And now global warming is getting worse. Our measures do not make much sense for me to do it alone. I must spread these measures to other people around the world. In addition, I think everyone should live their lives while thinking about global warming seriously everyday.

5. Reflection

I changed my mind about climate change in global research class. I learned that I have to work to solve climate change myself, instead of waiting for someone else to solve climate change. Therefore, I will continue to take these measures to help my family in the future. In addition, if I find new measures, I would be willing to work on them.

6. Work Cited

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