

Implementing Measures Against Global Warming

1. Motivation behind Research Paper

When I was in second grade, I researched three different environmental problems: reduction of sea ice, rise of sea level and changes in the sea ecosystem. The cause of these problems is from global warming, and I thought that global warming is connected to many environmental problems. I had the question while researching solutions to global warming. The question is “are measures against global warming effective on the Internet?” Also, I guess verifying the effects of these measures can help solve global warming.

2. Introduction

The aim is to verify the effects of measures against global warming. I verified the effects by making statistics about how many hours I used the air conditioner from January to April when I took measures against global warming. In addition, the aim is to want everyone to know about the current status of global warming. I collected the data by timing myself how many hours I used the air conditioner. I also collected information about the current status of global warming from the WWF website, the COOL CHOICE website and Yamano’s study about coral reef ecosystems in the world.

3. Results and Analysis

I could verify the effect of measures against global warming, and I found out that exercising outside is the most effective measure against global warming in Winter. I will explain the reason why. I compared two graphs. There is a difference in usage time of about two times between my graph and another graph. The difference between me and another person is extracurricular activities. I did not play sports in high school, but another person often plays sports at school. Therefore, I found out that it is easy for everyone to take measures against global warming. According to DAIKIN's questionnaire, the average usage time of the air conditioner was about 5.8 hours a day. My usage of the air conditioner was about 2.7 hours a day. Compared to the average usage time, I could reduce it by about half. I tried many ways to reduce the usage time of the air conditioner. I will introduce some examples. First, I ate a hot meal and hot drinks. I could keep my body warm by eating a hot meal. Second, I tried to be with my family. I avoided using the air conditioner in my room. By trying these ways, I could reduce the usage time of the air conditioner.

4. Conclusion and Future Problems

I could verify that avoiding the air conditioner a lot is effective against global warming by taking statistics about how many hours I use the air conditioner and how much CO₂ is emitted. I could find an effective measure against global warming in Winter, but I do not know any effective measures against global warming in summer. My next task is to find any measures in summer, so I am going to try to find any effective measures as in winter.

5. Reflection

Before starting this research, I did not know about global warming well and did not care about that, but I care about global warming and am interested in global warming now. Actually, since the amount of CO2 that can be reduced by one person is small, but I think that many people will be interested in global warming and take action to solve it, so we will be able to solve this problem. From now on, I am going to continue to take the measures against global warming and try to find effective measures against global warming in summer.

6. Work Cited

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