

TeamID: YWIC165

School Name: Young Women in Computing

Area of research: Environmental Science

Project Title: How we can stop global temperatures from rising?

**Problem Definition:**

Global warming is where the planet's overall temperature will rise permanently over the course of years. Despite what some people say, it's a real thing that we cannot ignore. Global warming is caused by the overdose of greenhouse gases such as CO<sub>2</sub>, Water Vapor, CH<sub>4</sub> (Methane), N<sub>2</sub>O, and Chlorofluorocarbons (CFCs). These are all caused by man's influence on our planet. In trying this project, our team hopes to bring more awareness to the rising temperatures and to provide solutions so we could prevent our eventual outcome. The goal of this project is to create a simulation of the globe as it shows the effects of global warming in the long run.

**Problem Solution:**

Our recommendation is to use renewable energy and resources such as, solar, wind, biomass, hydroelectric energy, hydrogen fuel, geothermal energy, etc. This will prevent the emission of Greenhouse gases, and thus, help stop global warming.

**Progress to date:**

To date, we have the beginnings of a simulation. So far, we've modeled the very basics, just a globe and some continents. We are working on it as much as we can.

**Expected Results:**

We hope to make more is the people aware of Global warming and its longterm effects and hopefully offer a solution to stop global warming.

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