

# **Climate Change Visualization**

## **Sprint 2 Plan (4/19-4/29)**

### **Goal:**

- Finish individual data visualizations
- Integrate data visuals to the world map.
- Web design and UI for World Map(s)

## **User Stories & Tasks**

**User Story 1: As a user, I want to be able to adjust the CO2 and temperature visualizations to view the difference between the years, so I can better see how the countries' temperature changed over time.**

- **[3]** Be able to see difference in temp/co2 in beginning to end
- **[2]** Be able to see difference in temp/co2 to previous year(s)
- **[2]** Be able to see all time highs/lows for certain countries
- **[3]** Create options for choropleth year comparisons.

**Total for User Story 1: 10 hours**

**User Story 2: As a user, I want to see web pages that visually appealing and relevant to climate change, so that I want to stay and explore.**

- **[3 \* 3]** Create 'stories' per web page explaining the data and current direction of climate change
- **[2]** Have a good color/font scheme throughout all text, visual, and overall web pages
- **[3]** Re-do homepage introduction and explanation

**Total for User Story 2: 14 hours**

**User Story 3: As a user, I want to see nice bug free and improved visuals.**

- **[4]** As a user, I want to view a consistent layout throughout different display sizes
- **[2]** As a developer I want to clean up edge-case choropleth parsing for missing countries
- **[5]** As a user I want the choropleth to be more responsive

**Total for User Story 3: 11 hours**

**User Story 4: As a developer, I want to parse and generate prediction visuals from prediction data.**

- **[2]** Incorporate predicted data into co2
- **[2]** Incorporate predicted data into temp
- **[2]** Incorporate predicted data into energy

**Total for User Story 4: 6 hours**

**User Story 5: As a developer, I want to synchronize visuals to use the same slider**

- **[3]** synchronize slider bar into co2
- **[5]** synchronize slider bar into temp
- **[1]** synchronize slider bar into energy

**Total for User Story 5: 9 hours**

**User Story 6: As a developer, I want to integrate co2 bubbles onto the choropleth**

- **[5]** Map CO2 country to bubble location
- **[2]** Update bubble size based on year

**Total for User Story 6: 7 hours**

**Total Sprint 2: 57 Hours**

## **Scrum Meeting Times:**

**Monday:** 2:00 Voice Call → Logistics

**Tues/Thurs:** After meetings @8:00AM, → Talk

**Sat:** 1:00 - 5:00 Voice Call → Group Programming