

Climate Change Assignment

1. Calculate your carbon footprint [using this calculator](#).

- Use the advanced settings.
- Make adjustments that are realistic to 'reduce your impact'
- How much would that cost you? How much would you save?
- Bring your footprint to class- print out or digitally
- Submit on Canvas

2. **Drawdown.**

Project Drawdown researches solutions to global warming. These solutions

- Reduce greenhouse gases by avoiding emissions and/or sequestering CO₂
- Already exist, economically viable
- Proven to reduce greenhouse gas emissions
- Have potential to spread worldwide
- Have data to support their impact
- Make sense regardless of climate impact
- Measured and modeled through the year 2050
- Assessed for cost and/or savings

Assignment

A. Go to the Drawdown website and [look at the solutions](#).

B. Select one of the solutions and fill in the [Google Sheet](#) with the following information

- Rank
- Short explanation
- Benefits
- Actions
- Costs

C. Note, I've listed the top 26 solutions. If someone has already filled in the information about a solution, you will need to select one of the others.

D. In class, each of us will present the summary of the solution we chose. 2-3 minutes each.

3. **Legislative Action:**

California has the 5th largest economy in the world. Therefore the actions at the state level and even county and city level make a large impact worldwide.

- [Attached is a list](#) that has summaries of a California state legislation and one each Sonoma County and city of Santa Rosa ordinances. Read them over and see if you

want to support any of them. **COME TO CLASS PREPARED TO ARGUE IN FAVOR OR AGAINST ONE OF THEM.**

- There are sample script for you to write or call your representative
 - If it is a California Senate or Assembly bill, (SB= senate; AB= Assembly) look up your senator or assembly member [at this website.](#)
 - If it is a County ordinance, look up your [supervisor at this website](#)
 - And if it is the city of Santa Rosa, [look up the information here.](#)
- Write or call (calls are super easy. Some nice person on the other end will note down your opinion .. and that's it)
- Ta-Da! You have become an active force in changing our planet for the better!
 - State and local elected don't get many people calling or writing, so if a few of us do so, it makes a difference.