



Climate Change

and Wildfire

GOAL - Identify a data trend in the wildfire data from different ecoregions, and then design a creative project that explains this trend to a non-scientist audience.

A good Data Jam project is:

- Clear: represent the data accurately and in a way that is understandable to non-scientists.
- Concise: keep it short and to the point. It is more effective to focus on one important trend in the data than to try to explain it all.
- Creative: use your imagination!

DATA TREND

1. What are the variables listed in Table 1 of the dataset?

- a) _____ c) _____
- b) _____ d) _____

2. Look at the variables in Table 2 of the dataset. List three that could be related to the variables in Table 1.

- a) _____
- b) _____
- c) _____

3. Using data from table 1, fill in the blanks below.
- All ecoregions are expected to _____ in VLF potential.
 - _____ and _____ will experience the greatest increase in VLF potential.
 - _____ and _____ will experience the smallest increase in VLF potential.
 - In the future, _____, _____, and _____ will have the highest VLF potential.
4. Choose one sentence starter from question 3 and find data in table 2 that can help to explain it.
5. Combine your answers to questions 3 and 4 to write a one-sentence data trend.
6. Based on what you know about fires and ecosystems, what reasoning can you give to explain the data trend?