

Activity 2.1: The Issue

1. Using Table 1: The Issue (OWL Chart), record and analyze the air temperature and CO₂ data in the "observed" row using the links below. Afterward, record what you "wondered about" in the second row.
 - Environmental Protection Agency (EPA): Use figures 1, 2, and 3 from the [Climate Change Indicators in the United States](#) page.
 - Earth System Research Laboratory (a division of NOAA): Examine all tabs from the [Trends in Atmospheric Carbon Dioxide](#) page.
 - *Note:* Do you notice any correlations between the temperature and CO₂ data sets?
2. Using Table 1: The Issue (OWL Chart), record what you "observed" and what you "wondered about" in the second and third columns for each of the following links:
 - [NBC Learn \(Changing Planet Series\): Rising Sea Levels](#) video
 - [After Sandy: Why We Can't Keep Rebuilding on the Water's Edge](#) article in *Time* by Bryan Walsh
3. Next, based on what you observed and what you wondered about from the climate data, video, and article, record in the last row what you learned that you did not know before.