

Carefully read and follow the steps below. You'll be handing this worksheet in for points when you are finished and the final discussion is complete. This is a companion worksheet for the Yellowstone Fires project found here:

<http://ia.usu.edu/viewproject.php?project=ia:6890>

Group Members:

Date Finished:

Step 3— Gather Information to complete the ESS Analysis

Be sure to cite the source of your information and ask yourself the following questions:

- 1) How does this help with my ESS Analysis?
- 2) Is this information accurate? (who is it coming from?)



Part 1: Using your answers from your research, list any additional cause and effect relationships you found for the event and the spheres. These relationships should build on or be different from the ones you listed in Step 1. The answers you find should explain the possible causes and effects wildland fires could have on the spheres that comprise the Yellowstone National Park ecosystem.

Wildland Fires Event ↔ Biosphere

Wildland Fires Event ↔ Lithosphere

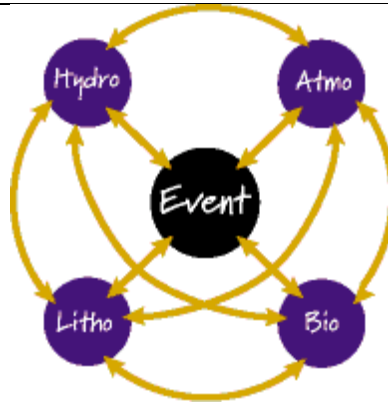
Wildland Fires Event ↔ Atmosphere

Wildland Fires Event ↔ Hydrosphere

Step 3 (continued)

Part 2: Using answers from your research, list the cause and effect relationships that occur between and among the spheres.

Note: Begin thinking about how these relationships may in turn affect the Yellowstone National Park ecosystem.



Atmosphere ↔ Biosphere

Atmosphere ↔ Lithosphere

Atmosphere ↔ Hydrosphere

Biosphere ↔ Hydrosphere

Biosphere ↔ Lithosphere

Hydrosphere ↔ Lithosphere
