You’ll start by choosing at least two ways in which the water cycle impacts your life, using at least two different states of matter (i.e., solid, liquid, or gas).

* What two portions of the hydrologic cycle impact your life?
* In what ways do you interact with those portions?
* Which state(s) of matter do each of those portions utilize?
* What processes occur in each portion of the cycle?
* What landforms exist in each portion of the cycle?
* For each landform, determine if it is an erosional or depositional feature.

Two parts of the hydrologic cycle that impact my life are transpiration and precipitation. Transpiration deals with the change in state of matter from liquid to gas. Precipitation deals with the liquid and solid states of matter.

I interact with transpiration in a couple of ways. In general living in Colorado and having an abundance of nature, this step in the hydrologic cycle is relevant in my life. I also enjoy gardening so making sure I water my plants with transpiration in mind is important. Also, by living in Colorado, precipitation in the form of snow is very relevant in my life.

Transpiration utilizes the liquid and gas states of matter. Precipitation uses the liquid to solid date of matter.

Evaporation is the process that occurs in the Transpiration portion of the cycle. Photosynthesis is a massive process that drives Transpiration. The collision and coalescence processes occur in the precipitation portion of the cycle.

Plants and all-natural landforms exist in the transpiration portion of the cycle! All plants transpire and so they make up a large number of landforms. Other landform such as snowbanks exist in the precipitation portion of the cycle. Also, rivers and lakes can be a landform in terms of precipitation.

Transpiration is likely depositional features with the plant growth. Given that transpiration is an evaporative process, it would depend of the rate of transpiration that determines the erosional or depositional feature. Precipitation such as snowbanks can be depositional however the rivers and lakes can be erosional by creating more sediments through weathering.

REFERNCES:

US Department of Commerce, N. (2019, May 14). The Hydrologic Cycle. Retrieved July 18, 2020, from <https://www.weather.gov/jetstream/hydro>