Worksheet
What Changes are People Noticing in the Water Cycle?

Pick a place that is meaningful to you (somewhere that your family has connections to, a place where the culture is interesting to you, or you have always wanted to visit.) Do some research about what changes people are noticing in the water cycle there.

Write, record, or videotape a news report that includes your *thoughts, feelings, research, and observations* related to the following questions. Feel free to be creative: compose a song, write a poem, create a skit, make a short video, poster or slide presentation.

Describe the change
  1. What is happening? What changes have people noticed?

Describe the implications
  2.. How is the change affecting people and other species?
  3. How would you feel if you were living in this situation?

Make some guesses about the cause
  4. Why do you think this is happening? What is causing it?
  5. How do you think people's decisions about land management are affecting this issue? Do you think they could be making better decisions?
  6. Do you think this issue is connected to soil health or soil biology in any way? Make a guess as to how it might be connected.

Describe the response
  7. What has the news media focused on? Do you think this is the right thing to focus on?
  8. What kinds of strategies are people trying in order to address the situation? How well are those strategies working? How expensive are they?

Think about how would you deal with it
  9. What do you wish you could understand more about this?
  10. What steps would you take to deal with this if you were in charge?

Changes with the water cycle might include (but are not limited to) increases or decreases in things like:

• Flooding
• Rainfall, drought
• Clean drinking water
• Wildfires
• Agricultural runoff affecting rivers, lakes, or oceans.
• Desertification
• Persistent humid haze or smog
• City storm drain issues
• Ocean rise affecting coastlines
• Soil erosion
• Water-table levels, aquifers
• Conflicts over water usage rights