**Module 4 – Individual Homework Assignment**

**Please complete and turn in this assignment in class on the third day of this module. Assignment will be graded out of 2 points on effort, use of the lectures, video, and reading materials, and thoughtful reflection. Be sure your name is on the paper.**

There are many different types of solar cells other than Si based including various thin films, perovskites, etc. Use the internet to look up the materials that are used in the fabrication of one of these types of solar cells. Choose a solar cell material to focus on (not Si). Name it here: \_\_\_\_\_\_\_

The remaining questions can be answered by bullet points and/or complete sentences.

1. Research where the material(s) used in your chosen solar cell come from. Are there any particular challenges to extracting/mining/moving these materials?
2. Research where your solar cells are manufactured? (Can you figure out why they are made there?)
3. Research the largest consumer markets for solar cells. (Can you figure out why they are used there? Hint: it may not always be due to an abundance of sunshine; things like government policies also matter.)
4. Research how solar cells are recycled.