

**Worksheet 1:**

***Urban Heat Islands***

1. What is an urban heat island?
2. How are urban heat islands measured?
3. When are temperature differences between urban and rural land greatest? Why?
4. What are some of the characteristics of cities that affect the development of urban heat islands?
5. What are some of the effects of urban heat islands?
6. Why do you think that young, elderly, and poor people are most affected by urban heat islands?
7. What are some ways of reducing the effects of heat in cities?
8. What are citizens and communities in your state doing to reduce heat islands and achieve the benefits of reducing the effect of urban heat islands? What can you do as a citizen?