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Module 01: Introduction to Urban Ecology

Urban EcoLab

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April 2021

## Student Handout - Why do we live where we do?

Center for Urban Resilience

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Name \_\_\_\_\_ Class \_\_\_\_\_

**Lesson 4.3: Why do we live where we do?**

Directions: Using the satellite image of the United States at Night, and a road map or atlas answer the following questions.

1. Using the satellite image and a road atlas identify and label the ten areas with high densities of lights (and therefore, high populations) in the United States.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

2. Locate and label where you live. Is it in an area of light or darkness?
3. Locate a few of the areas with no lights. Why do you think that there are no people there? Make sure to use the terms “ecosystem services” and “limits” in your response.
4. Consider some of the factors which are important in determining where people live: elevation (see the topographical map), climate, access to water, access to jobs, history and politics, or other factors. How do these factors relate to ecosystem services and ecological limits? What roles do the relationships between these factors and ecosystem services and ecological limits play in determining where cities are built?