

STUDENT RESOURCE VI: **Challenge 3**

Using Remotely Sensed Images to Explore a Place

In small groups you will look at two different images and complete the tasks below. The first image is a current remotely sensed image/map of the neighborhood, and is call RSI One, the second is an older remotely sensed image/map of the neighborhood, and is titled RSI Two.

1. Describe what you see in each of the images of your neighborhood.

RSI One	RSI Two

2. Estimate the proportion of the image allocated to the following land uses in

	Proportion of land (RSI One)	Proportion of land (RSI Two)	Changes (RSI 1-2)
Land Use			
Green space			
Buildings			
Roads			
Water			
Other			

3. Explain how your group produced the estimates.

Next, work with your group to answer the following:

1. List the changes you observed in the green spaces between the current and older image.
2. Describe the possible causes of each change. You may need to conduct an Internet search to help answer this prompt.
3. Evaluate each change and whether it had a positive or negative impact on the neighborhood.
4. Compare the map you labeled with RSI One (current image). Describe how they are alike and different. Explain how this helps you to understand/think differently about the area?