

### Activity 3: Regional Climate Information

The first major decision you'll need to make as you begin to narrow down your target property is where in the country you want to buy a property. The search for this activity is limited to the continental United States, but between the Atlantic and Pacific Oceans lies a diverse landscape. There are a multitude of different environments in the various regions in the United States, each with their own pros and cons. So how will you ever decide?

In 2018, the [Fourth National Climate Assessment](#) was released. This is a scientific report outlining predictions and models for various regions in the United States. Another powerful summary of risk is the [Climate Resilience Screening Summary](#) and Framework, created by the Environmental Protection Agency. This report outlines the risk posed to every county in the United States for localized meteorological events, certain natural hazards, and the resilience to those hazards, and the increasing risks posed by climate change. Contained in the report are the five factors considered in creating the index and a region by region assessment of resilience. These findings are shown as maps, graphs of multiple types, and data tables.

#### Directions

1. Use the Regional Information Graphic Organizer on the next page to organize your findings from the following sources (links in the Regional Climate Model Resources document) and begin to narrow your property search to a particular region:
  - a. Fourth National Climate Assessment Regional Summaries
  - b. The EPA Climate Resilience Screening Index Summary
  - c. Your choice! Pick a third reliable source that forecasts regional climate change impacts.
2. Summarize your findings on each of the regions in the Regional Information Graphic Organizer and narrow your search to one or two regions before starting the next activity. Note in your Climate Future Student Guide about the reason for your choices.

## Regional Climate Model Graphic Organizer

*SOURCE: Fourth National Climate Assessment (NCA)*

Region or State(s)	Pros	Cons	Comments

SOURCE: *Climate Resilience Screening Index (CRSI) - EPA*

Region or State(s)	Pros	Cons	Comments

SOURCE: \_\_\_\_\_

*Use this table to collect information for a reputable climate change resource you selected.*

Region or State(s)	Pros	Cons	Comments