

GEOG 5201 Geovisualization

Lab 8: Map Animation (Raster)

The objective of this exercise is to create an animated map to visualize changes in mangroves in Thailand's coastal Samut Songkhram province. You will build a web app using ArcGIS Web AppBuilder, Landsat imagery, and add a time slider widget so that users can easily visualize changes in mangroves over the last few decades and identify areas in need of restoration.

Activities

Complete tutorial: [Depict land use change with time animation](#). You will visualize changes in mangroves in Thailand's coastal Samut Songkhram province over the last few decades.

Assignment

Note: Submit your responses to the following questions on the course website. Be sure to have all your answers and file(s) ready before starting your submission. You are allowed only one attempt to submit your responses.

1. (5 pts) What spatial patterns do you notice through your animation?
2. (5 pts) Input the link to your web app here.