Map created for Coastal and Marine GIS course in January 2016:

Federal and State Cadastral Boundaries within 150km Radius of Fishing Dock in the Florida Keys

Federal and State Zones
- Florida Coastal Zone
- Florida State Waters
- High Seas
- U.S. Contiguous Zone
- U.S. Exclusive Economic Zone
- U.S. Territorial Sea
- Florida Keys National Marine Sanctuary
  - Fishing Dock

Map created by Ashley Gordon on January 19, 2016.
Data retrieved from NOAA Florida Keys National Marine Sanctuary website.
Map created for final habitat site selection project in Fundamentals GIS Course fall 2015:

Potential Razorback Quahog Reintroduction Sites that Satisfy the Salt Marsh Criteria in Plum Island Estuary, MA

Criteria specified the site must have at least 5 hectares of salt marsh within a 500 meter radius from the site. Sites labeled by Site ID number.

Potential Sites
Marsh Criteria Met
- No
- Yes

Plum Island Estuary
Salt Marsh

Map created by Ashley Gordon on December 6, 2015.
Projected Coordinate System: NAD 1983 State Plane Massachusetts Mainland FIPS 2001 (meters)
Data obtained from the Plum Island LTER and the Massachusetts state GIS server.
Map created for fictional species habitat corridor in Fundamentals GIS course fall 2015:

Optimal Habitat Corridor for Connecting Two Populations of the Fat-face Flying Squirrel in Yellowstone National Park

Cost Surface
Value
- High Cost: 608
- Low Cost: 4

Least Cost Path
- Source Population Center
- Desination Population Center

Map created by Ashley Gordon on November 22, 2015.
Projected Coordinate System: NAD 1983 UTM Zone 12N
Hillshade used. Data retrieved from Center for Resources Yellowstone National Park.