# Contents

# Geography 485L/585L "Deep Dive" Assignments

The four assignments that constitute the class's "Deep Dives" consist of a series of activities that build upon each other and the smaller assignments accomplished as "Milestones" in the development of your course portfolio. These assignments will be added to your portfolio content and evaluated in conjunction with the mid-term and end-of-term portfolio assessment and grading. The approximate timing of these assignments is provided below, though may be subject to change as progress through the class material continues.

## Week 4: Creation of a a Google Maps Web Page with Custom Points and Labels

In your milestone for Week 4 you built a styled Google Maps base map for a particular region of interest. For this *deep dive* assignment create a new free-standing web page that includes a brief description of the topical focus of your mapper:

- The type of information that you want to depict in your map
- Your reasons for selecting the specific area shown in the map
- A description of what you are trying to communicate with the map

Embed the base map that you initially created for your lab assignment into this new web page.

- Add 5 overlay objects to the map that relate to specific items of interest or importance. These overlay objects may be *markers*, *polylines*, or *polygons*. Make sure to include descriptive titles for each object.
- Add an *infobox* to each object that contains additional detailed information about the object

## Week 6: OGC Service Concepts

TBA

## Week 11: Problem Definition and Data Acquisition

TBA

## Week 14: Data Integration and Styling in GeoServer

TBA