Surveys

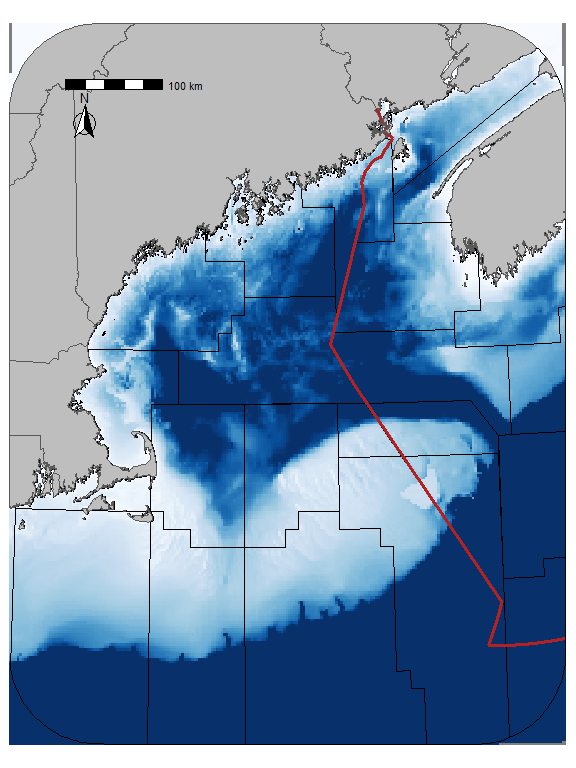
David Keith

12/16/2021

## The Survey

Here we set up the background for the survey, we’re going to go out and do a survey in the Gulf of Maine (GOM) .

## Reading layer `EEZ' from data source   
## `C:\Users\KeithD\AppData\Local\Temp\1\Rtmp29ZiPs\file70183f3c1bc1\EEZ.shp'   
## using driver `ESRI Shapefile'  
## Simple feature collection with 104 features and 9 fields  
## Geometry type: LINESTRING  
## Dimension: XY  
## Bounding box: xmin: -141.0027 ymin: 40.04343 xmax: -47.69752 ymax: 86.45371  
## Geodetic CRS: NAD83  
## Reading layer `Atl\_region\_land' from data source   
## `C:\Users\KeithD\AppData\Local\Temp\1\Rtmp29ZiPs\file7018b98551f\Atl\_region\_land.shp'   
## using driver `ESRI Shapefile'  
## Simple feature collection with 1212 features and 2 fields  
## Geometry type: MULTIPOLYGON  
## Dimension: XY  
## Bounding box: xmin: -79.76543 ymin: 40.49908 xmax: -52.61946 ymax: 62.58518  
## Geodetic CRS: WGS 84  
## Reading layer `nafo\_2014\_area\_3' from data source   
## `C:\Users\KeithD\AppData\Local\Temp\1\Rtmp29ZiPs\file701819db13c4\nafo\_2014\_area\_3.shp'   
## using driver `ESRI Shapefile'  
## Simple feature collection with 52 features and 5 fields  
## Geometry type: MULTIPOLYGON  
## Dimension: XY  
## Bounding box: xmin: -59.58893 ymin: 39 xmax: -42 ymax: 52.25  
## Geodetic CRS: WGS 84  
## Reading layer `nafo\_2014\_area\_4' from data source   
## `C:\Users\KeithD\AppData\Local\Temp\1\Rtmp29ZiPs\file701819db13c4\nafo\_2014\_area\_4.shp'   
## using driver `ESRI Shapefile'  
## Simple feature collection with 49 features and 5 fields  
## Geometry type: MULTIPOLYGON  
## Dimension: XY  
## Bounding box: xmin: -72 ymin: 39 xmax: -50 ymax: 52.25  
## Geodetic CRS: WGS 84  
## Reading layer `nafo\_2014\_area\_5' from data source   
## `C:\Users\KeithD\AppData\Local\Temp\1\Rtmp29ZiPs\file701819db13c4\nafo\_2014\_area\_5.shp'   
## using driver `ESRI Shapefile'  
## Simple feature collection with 15 features and 5 fields  
## Geometry type: MULTIPOLYGON  
## Dimension: XY  
## Bounding box: xmin: -71.67691 ymin: 39 xmax: -65.66666 ymax: 44.89222  
## Geodetic CRS: WGS 84



The Gulf of Maine (GOM) ecosystem, the red line inidates the *border* between Canada and the U.S.A. The thin black lines indicate the North Atlantic Fisheries Organization (NAFO) fishery polygons.

## Including Plots

You can also embed plots, for example:



Note that the echo = FALSE parameter was added to the code chunk to prevent printing of the R code that generated the plot.