

# Lab 9 - Geospatial data

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## Libraries

```
library(ggplot2)
library(sf)
```

```
## Linking to GEOS 3.11.0, GDAL 3.5.3, PROJ 9.1.0; sf_use_s2() is TRUE
```

```
library(stars)
```

```
## Loading required package: abind
```

## Questions

Read the shape file BGD\_adm3\_data\_re.

Read the csv file r\_val and transform it into vector data.

Plot the two data sets together.

Read the raster file SR\_LR.

Crop the raster file to a box (x=87-93, y=20-27).

Mask the cropped raster to the vector data.

Plot raster and vector data together.