

Edit shapefile using R

```
knitr::opts_chunk$set(echo = TRUE)
library(rgdal) ## reading shapfile
library(dplyr)
library(raster)
library(readxl)
library(foreach)

## read in shapefile

sph<-readOGR("BGD_adm3.shp","BGD_adm3")

## import surveillance
surv_dat<-read.csv("Demo_data_Risk_Mapping_edited.csv",header =T)

## add district var to surviellance to match shapefile

surv_dat$district<-as.numeric(surv_dat$ID_3)

sph_sub1<-sph[1:30,]

## add district var based on ID_3
sph_sub1$district<-as.numeric(sph_sub1$ID_3)
```