Mapping Crime Data in R – Ad

Date and time: TBD

Facilitator: Julia Kasmire?

Max Number of People: 50

Duration: 2.5 hours (0.5 presentation, 1.5 hour demo, 0.5 break?)

Aims:

Using open-source police recorded crime statistics this workshop will demonstrate how to map crime data in R using various packages such as ggplot, sf and tmaps.

More specifically looking at the area of Surrey we will

1. briefly explore the crime data and introduce key topics in spatial data
2. demonstrate how to join crime data to shapefiles and an introduction to different classification methods
3. use census data to accurately map crime rate

This workshop is suitable for those beginners to intermediate in R. It requires you know how to set your working directory, how to read data into R and an understanding of the most basic functions

* Level: Beginner to Intermediate
* Experience of R: Yes
* Knowledge of GIS/Spatial Data: None
* Target audience: Researchers/anyone interested in crime and spatial data