Using GIS for invasive species research

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# Overview

This respository contains a collection of dynamic programming tools and introductory tutorials for mapping/GIS from the following github repositories:

* [Creating maps in R](https://geocompr.robinlovelace.net/): A textbook on geocomputational analysis in R
* [MapView](https://r-spatial.github.io/mapview/): a 3D interactive R package s
* [Video](https://www.youtube.com/watch?v=GMi1ThlGFMo)

## The objectives

generally the objective is to create a landing page and resource of GIS work in R with a particular focus on invasive species dynamics. The current goals under my PhD work is as follows:

One: *Produce static maps for the first publication of my PhD.* Draft here - [Davidson2019a](https://www.ssnhub.com/2019-05-03-beech-forest-objectives)

* Datasets
  + Grid locations are in a csv file called "" here
  + Outline of NZ here "" here
  + Forest vegetation here "" here
  + Data from landCare 2019 publication here "" here
* Rcode
  + My attempt so far "" here
  + GIS cheat "" here
  + Powerpoint cheat "" here
* Static maps
  + NZ beech forest dynamics "" here
  + 8 grids full data "" here
  + only 6 used "" here
  + South Island of NZ "" here

Two: *Produce static maps for the following data-set* [Davidson2019b]

[*same as above*]

Three: *Produce static maps for the following data-set* [Davidson2019c]

[*same as above*]

## My notes

* Vignettes
  + Creating maps in R “www.ssnhub.com/creating-maps-in-r.html”
  + Map for Chapter 2: Beech forests ""
* Examples
  + LandCare 2019 publication here ""

## Get started…

1. Fork this repo [here](www.github.com/davan690/Creating-maps-in-R/)
2. Pull project into Rstudio using version control.
3. Ensure that packages are up to date.

For more details this following the same contrinutiing options as the website instructions [here](https://www.ssnhub.com/contributing.html).

### Templates

This is the absolute minimum you need to start a [bookdown](https://bookdown.org/yihui/bookdown/) book. You can find the preview of this book at <http://seankross.com/bookdown-start/> - All of the content of this repository is licensed [CC0](https://creativecommons.org/publicdomain/zero/1.0/).

# Introduction

This is the first real chapter.

# Diving In

Now let’s talk details.