Using GIS for invasive species research

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Contents

Preface

This is the very first part of the book. This respositiory is a collection of introductory tutorials for mapping/GIS from a collection on `github` repositories.

- 'creating maps in R': Geocomputational analysis in R and other supporting documents ranging from blogs to scientific publications.

0.1 The objectives

Create a landing page and resource of GIS work in R. With a particular focus on invasive species dynamics. The current goals are as follows:

1. Produce static maps for the first publication of my PhD. Draft here.

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

2. Produce static maps for the following data-set (Davidson2019b)

same as above

3. Produce static maps for the following data-set (Davidson2019c)

same as above

0.2 Resources

- Vignettes
  - Creating maps in R ""
  - Book vignettes ""
  - My developing docs ""
- Examples
  - LandCare 2019 publication here ""
- Software
  - This is the absolute minimum you need to start a book-down 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.

0.3 My notes

Chapter 1

Introduction

This is the first real chapter.

Chapter 2

Diving In

Now let's talk details.