

**ECOLOGICAL DATA ANALYSIS IN R**  
**DESCRIPTION - WEEK 7**  
**Spring 2020-1**

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**Week 7: Visual Display of Data - 2**

This week we will continue our exploration of graph-making in R. We now know how to make plots, but let's learn to make them beautiful and easier to interpret.

**Class 7.1: Lecture Topics**

- Plot customization
- Using color and gradients
- RColorbrewer
- Colour-blind safe palettes
- Multipanel plots and faceting

**Resources**

The most important resource this week is the [ggplot2 cheat sheet](#)

[Multipanel plotting in ggplot2](#)

[multiplot function](#)

[Shiny cheatsheet](#) (for your own & independent exploration)

[Getting Started with Shiny](#) (for your own & independent exploration)

**Class 7.2: Workshop Activities**

Everyone should make one publication-quality plot, incorporating a few design elements, which could include:

colour scales

altered axes

interesting use of themes

multipanel/faceting plots