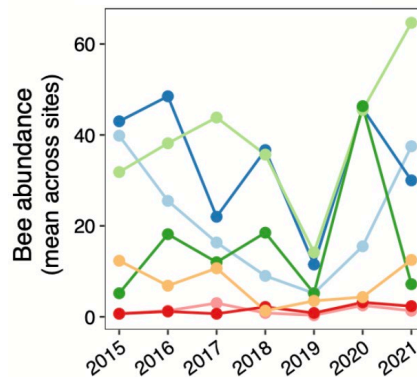
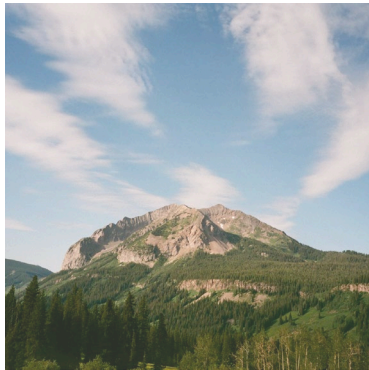


# Data analysis & visualization for ecology, evolution, & conservation.

ENVI\_SCI 390 – undergraduate registration  
PBC 470-05 – graduate registration  
Spring 2024: Tu/Th 9:30–10:50am (Tech F281)  
Dr. Paul CaraDonna



## Practical data analysis & visualization for ecology, evolution, and conservation.

This class is designed to be a practical guide to quantitative analysis and data visualization in ecology, evolution, and conservation. We will learn about, use, and practice a wide range of data science methods that are commonly used in these fields. The class is designed to be a hands-on learning experience using the open-source programming language, R. We will begin with the basics of data, including data structures, data manipulation and wrangling, and then move on to common quantitative analyses, their variations, and how best to visualize data. By the end of the class, students will have the skills and confidence to address a wide variety of questions with quantitative methods.