Spatial Knowledge Mobilization

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Contents

Chapter 1

prerequisites

Translating data into actionable insights requires more than analytical tools; the ability to communicate, visualize, deconstruct and interrogate analytic results is an increasingly required set of skills for environmental professionals. This course will build the skills and knowledge needed to interpret, critique, and communicate outputs from data-analytic workflows and processes. Key issues discussed will include parameterization, sensitivity analysis, visualization, and summarizing results for a variety of audiences.

1.1 textbook

Wickham, Hadley, Danielle Navaro, and Thomas Lin Pedersen. 2021. Ggplot2: Elegant Graphics for Data Analysis. 3rd ed. Springer. https://ggplot2-book.org/index.html.

Chang, Winston. 2021. R Graphics Cookbook, 2nd Edition. https://r-graphics.org.

1.2 schedule

Data/Analytic Visualization

Week

Topic

Tools

1. Tabular Data