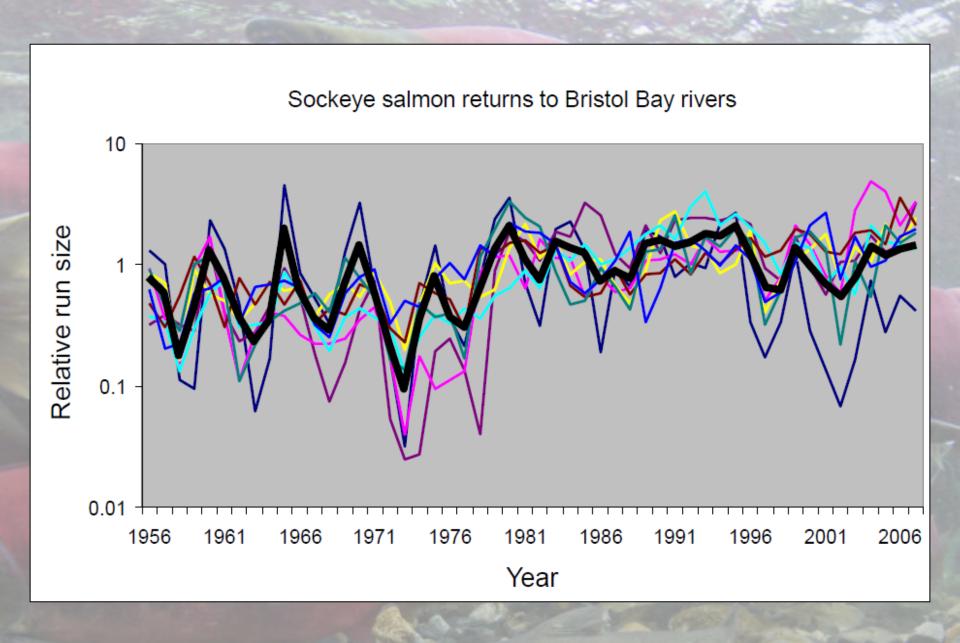
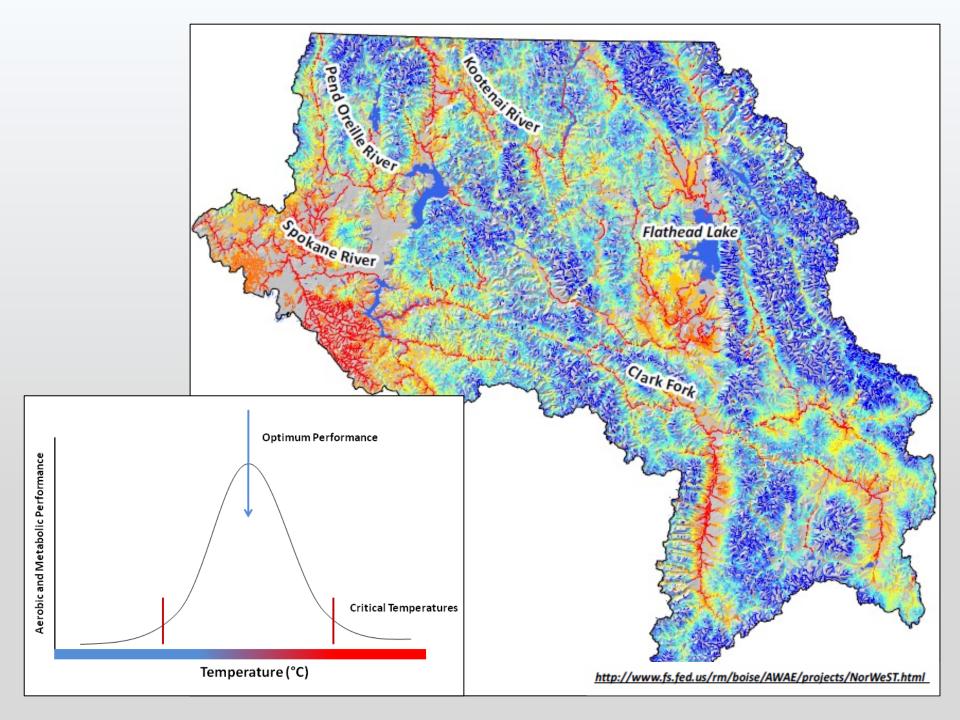
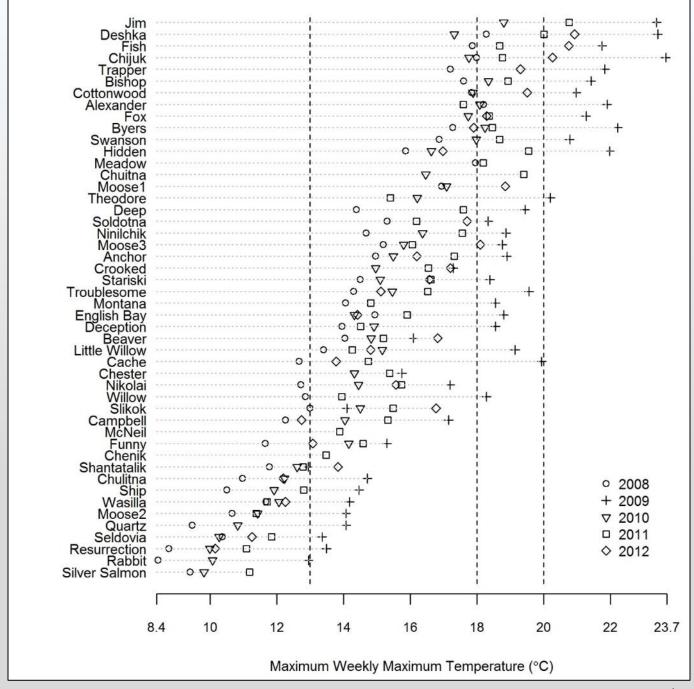
Characterization of Thermal Regimes in the Mat-Su Basin

Rebecca Shaftel, Sue Mauger, Jeff Falke, Dan Rinella, Jeff Davis, and Leslie Jones





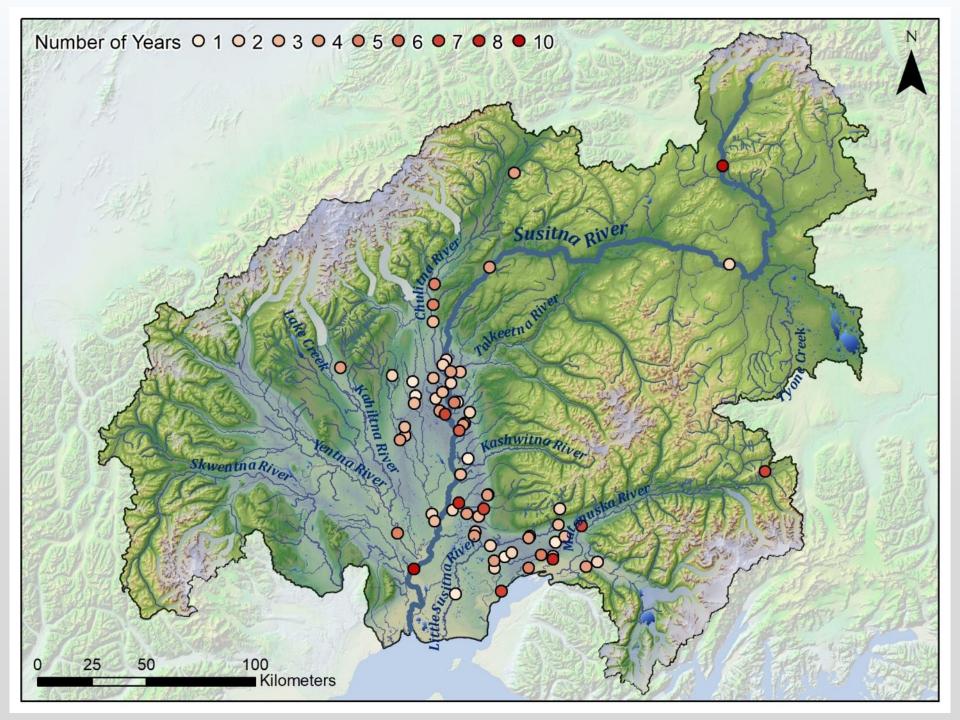




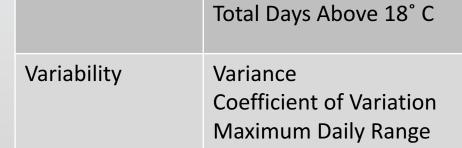
Project Objectives

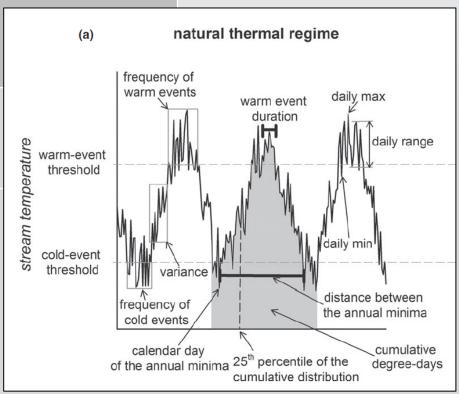
- Characterize diversity of stream thermal regimes across the Mat-Su Basin using existing temperature data
- II. Identify landscape and climate drivers of thermal regimes



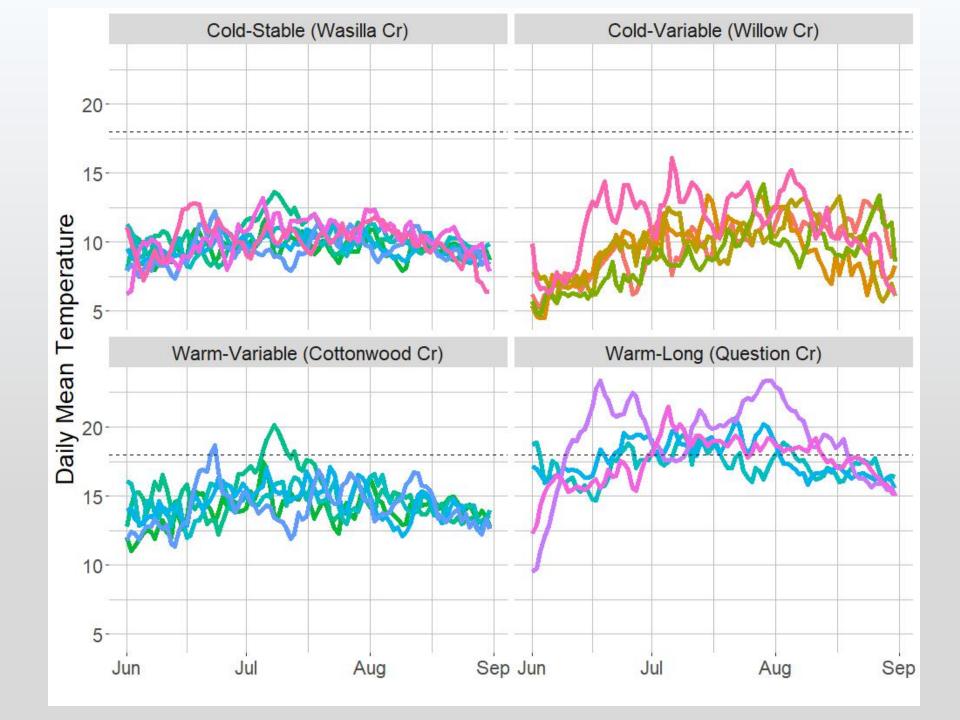


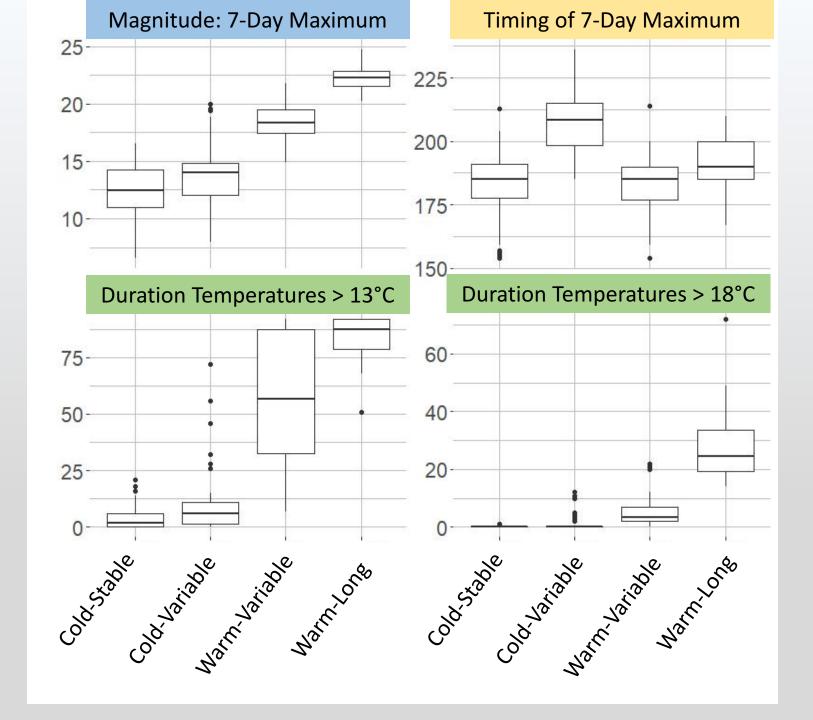
Descriptor	Temperature Metric
Magnitude	Maximum of 7-day Moving Average
Timing	Date of Maximum Daily Temperature Date of Maximum of 7-day Moving Average
Duration	Longest Event Above 13° C Longest Event Above 18° C
Frequency	Total Days Above 13° C



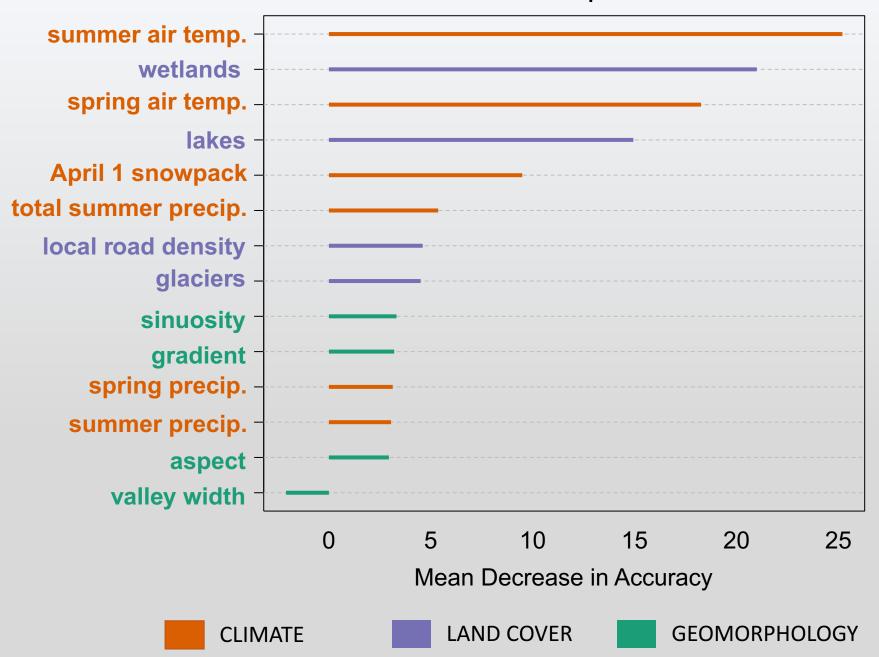


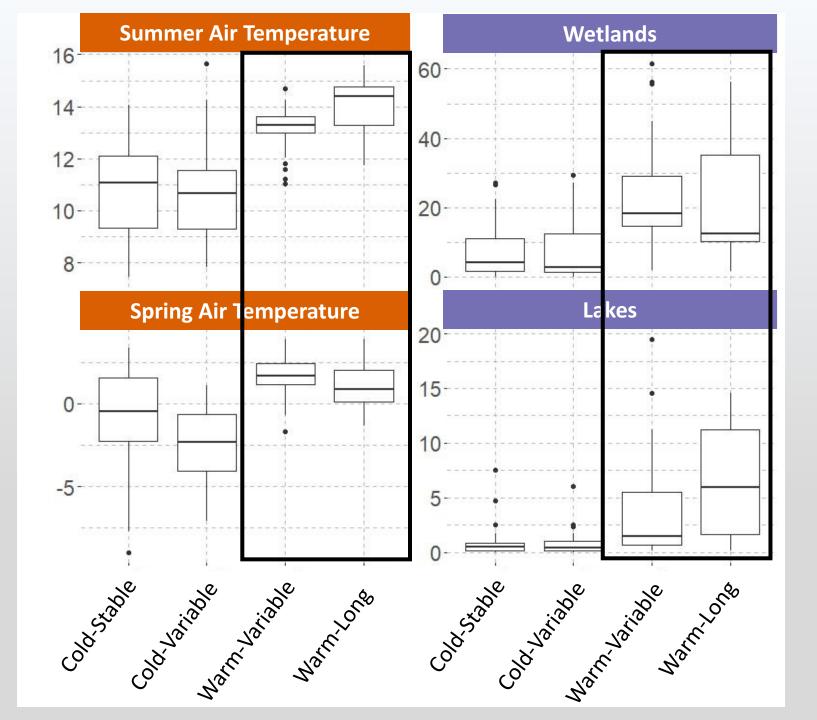
(Arismendi et al. 2013)

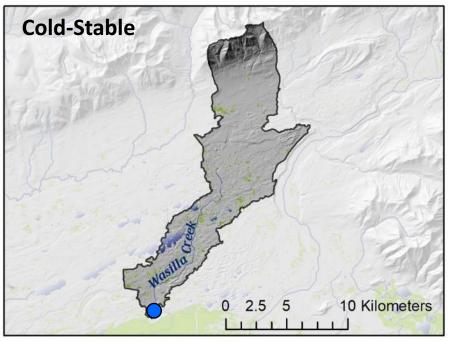


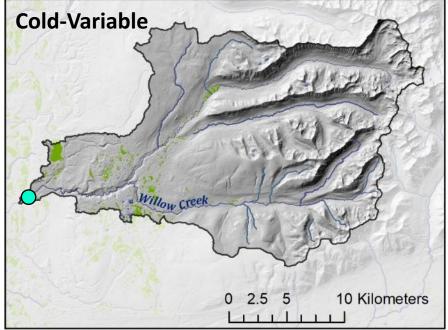


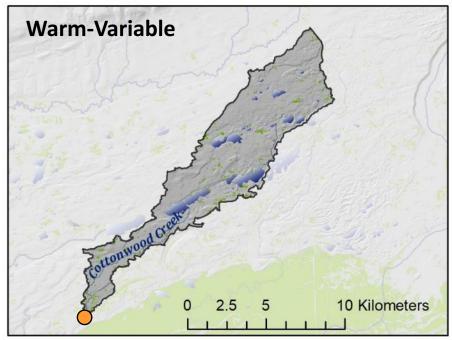
Variable Importance

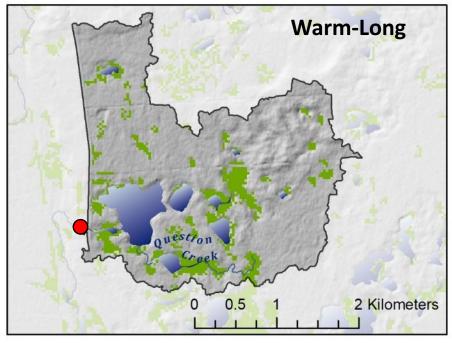


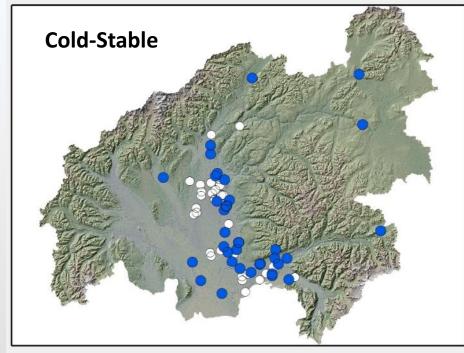


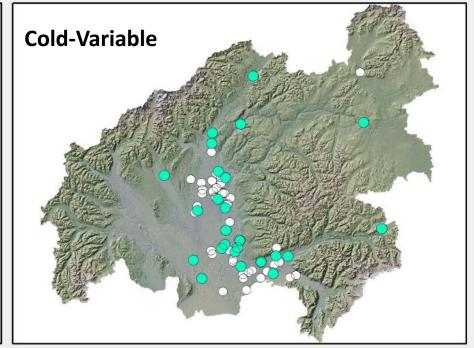


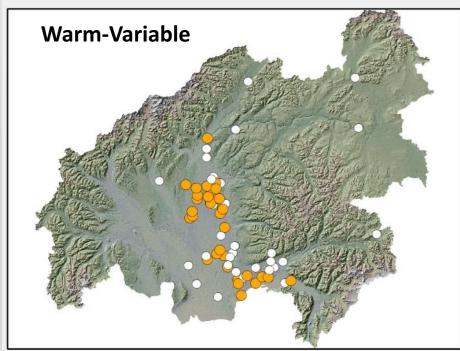


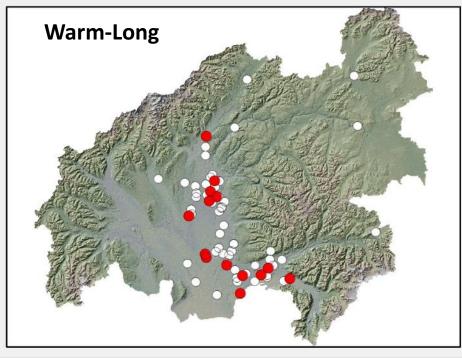












Linking Thermal Diversity to Salmon Habitat Use

