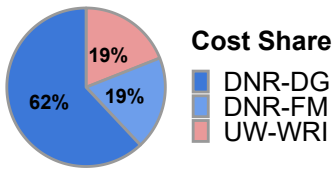
Groundwater, Surface Water, & Fisheries

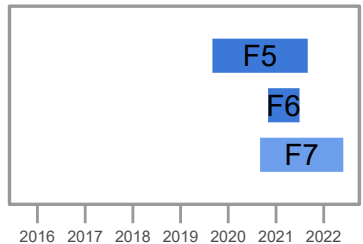
Streams, rivers, and lakes in the Upper Midwest are affected by both climatic variability and groundwater withdrawals for irrigation. Fellows develop models and tools to help managers holistically evaluate the effects of groundwater withdrawal scenarios on surface water resources under variable climate scenarios.

Fellowship Logistics

Two fellows stationed within the DNR Water Use program with Mentor 1. One fellow stationed within DNR Fisheries Management program with Mentor 2. All three fellows work on separate but complementary projects.



Timeline of Fellowships



	Fellow:	Mentor:	University:
What was your goal for the fellowship?	"Do impactful, actionable, and inclusive science using a really collaborative approach, rather than siloed science that sits on academic shelves (F7)."	"Conduct high-quality research aimed at our #1 ranked need, but which required more time and data-intensive skills than current staff could provide (M-F7)."	"Provide opportunities for new professionals to tackle “wicked” Wisconsin water challenges on a legislatively mandated water issue." "Provide experience and leadership on the practice of actionable science."
What did you get out of the fellowship?	"Insight into the leap from scientific insight to management and policy, and what I need to understand about people, institutions, and systems to translate my science into action (F5)."	"It’s been an absolute game changer. The fellows have brought new perspectives and new scientific methods, and it's safe to say we couldn't accomplish what we've accomplished thus far without them (M-F5)."	"We got reportable impacts in our professional development goals for training the next generation and in our WRI goals related to science-informed water resource management on a very contentious water quantity challenge for the state."