



“Invasive Blue Catfish of the James River” The Internship and Case Study Experience

Internship hosted by the **Virginia Department of Wildlife Resources (VDWR)** in the Charles City, VA location



Gain the experience

- Electrofishing
- Tagging and launching receivers
- Blue catfish sampling
- Using telemetry to detect tagged fish



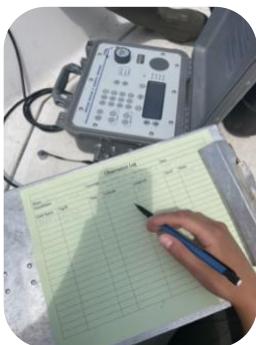
Identify the problem and map it out

- The wicked problem is managing the invasive blue catfish population and their productivity as a commercial and recreational fishery in the James River.
- The conceptual model is a stock and flow model which maps out the physical, economic, and social system of the James River.



Identify interventions and make recommendation

- Futuristic restoration approach that adapts to increasing blue catfish population and meeting restoration goals to create a less stressful environment for native species.
- Recommendations recognizes limitations the VDWR must face with the rise of the non-native blue catfish population, acknowledges the needs of the stakeholder, and follows up with the interventions.



“Well, if it can be thought, it can be done,
a problem can be overcome,”
— E.A. Bucchianeri, Brushstrokes of a Gadfly

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