

# **Rocky Reach License Implementation: White Sturgeon Monitoring & Evaluation 2021-2025**

**September 7, 2021**

**Lance Keller**

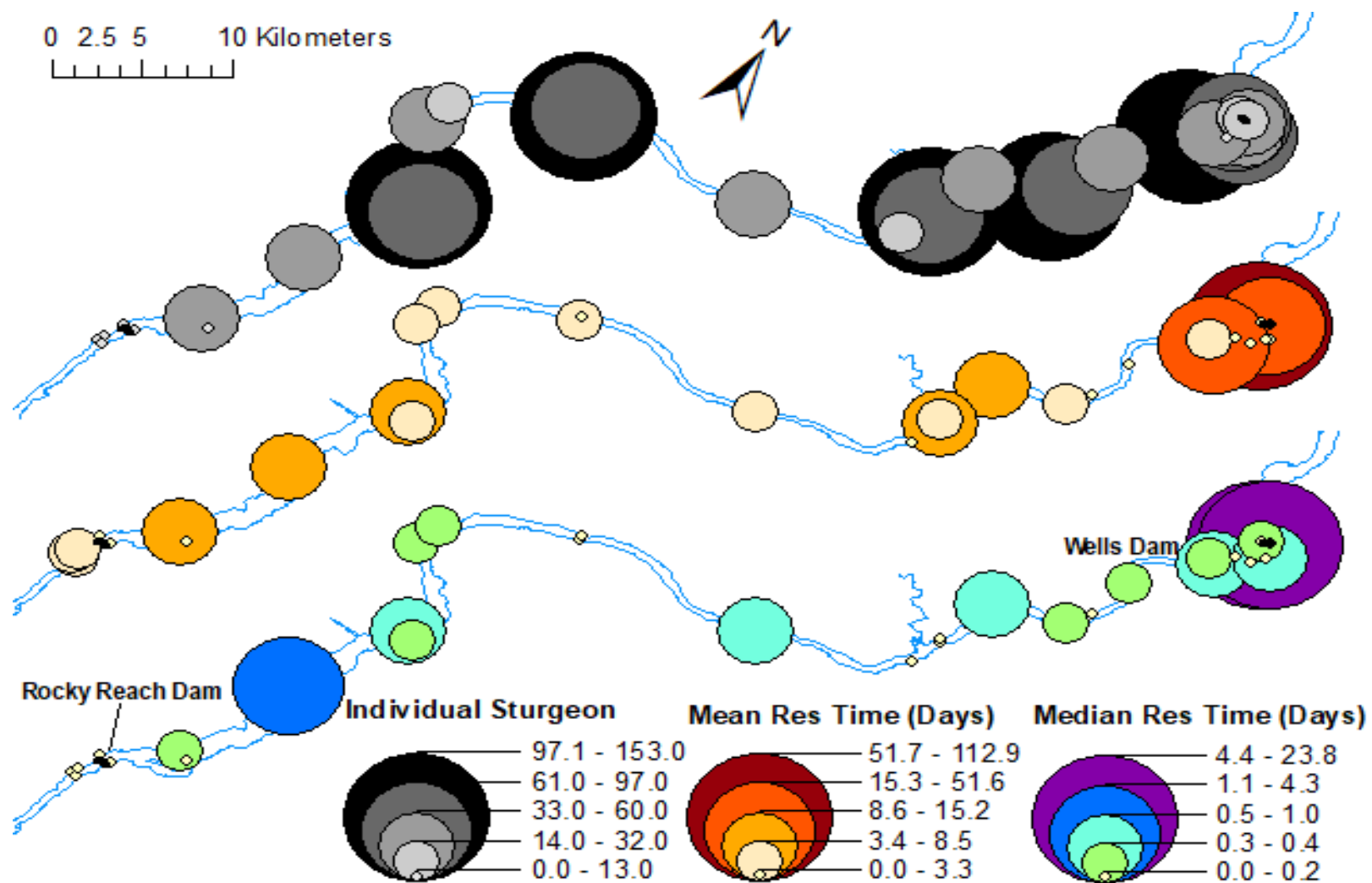
# Why We're Here Today

- Request funding to continue monitoring and evaluation (M&E) of the Rocky Reach white sturgeon population in 2021-2025
- 5-year NTE \$1,397,136; included in 2021-2025 budget

# Background

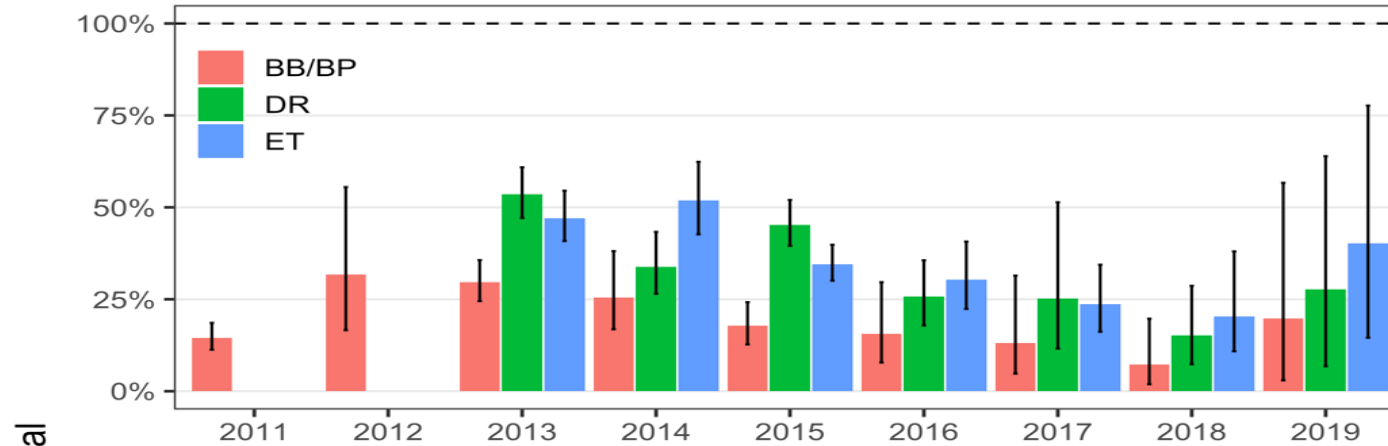
- Initial presentation of M&E data during the May 3, 2021 BOC meeting for approval of sturgeon rearing contracts
- M&E data used to:
  - assess success of supplementation and the overall status of sturgeon population in the Rocky Reach reservoir
  - to inform adult abundance modeling and future supplementation rates in the reservoir
- Continuation of efforts and improvements of methods used from 2013-2020 conducted by Blue Leaf Environmental

# Distribution as of 2020

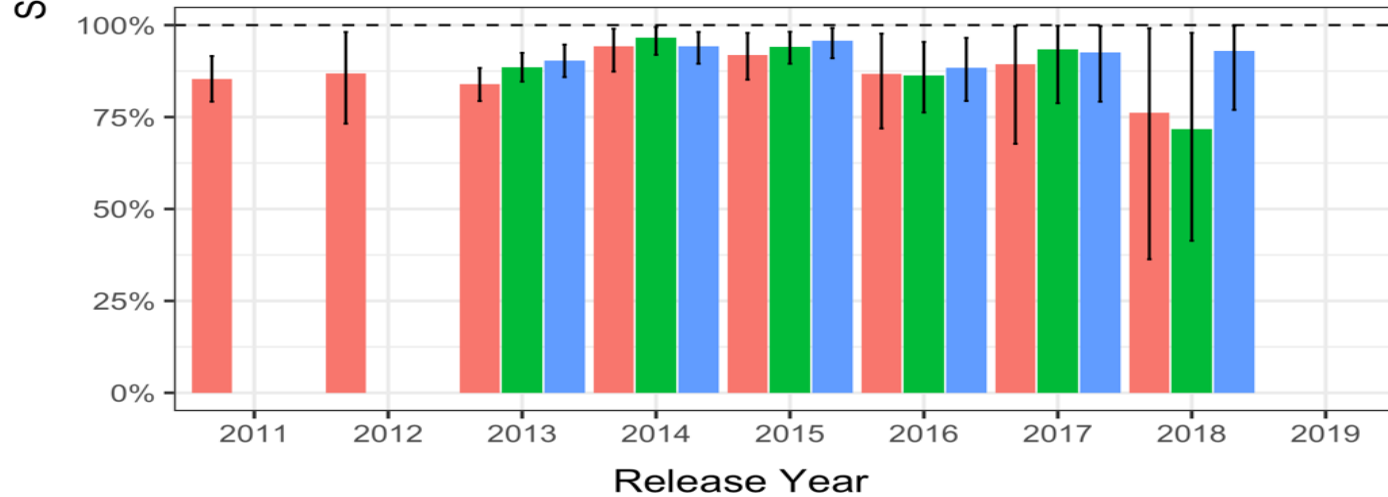


# Survival Estimates as of 2020

A) Early Post-release Survival



B) Yearly Long-term Survival



# Summary and Next Steps

- 5-year NTE \$1,397,136
  - Blue Leaf Environmental has demonstrated fiscal efficiency during previous work
- Anticipating a decrease in future levels of effort for data collection