

The Recovery Programs encourage both PIs and partners to conduct research and publish their work. Scientific publications help the Recovery Programs share our successes and challenges and gain valuable collaborators who work in adjacent fields. Most importantly, the information in scientific publications can help us manage these species more effectively. Because of the adaptive nature of our programs, we are constantly trying to improve our management, which is often based on imperfect information. Having access to timely, robust research results helps us improve more quickly.

Our priorities as Recovery Programs:

- Using data and science to guide management of the four listed species.
- Publication of scientifically robust work, particularly that which increases the effectiveness of our management actions.
- Increasing trust and collaboration between all partners (both formal and informal).
- Open access to data and information and the people who can provide needed and valuable context.

What's Encouraged:

- Publishing original work using Recovery Program data to further the conservation of the four ESA listed species or other species of interest.
- Spending time funded by the Recovery Programs to develop and publish original science.
- Presentations to Recovery Program committees on potential findings prior to publication.
- Reaching out to Program PIs who collected the data to understand how data was collected and processed to ensure that analyses are robust and appropriate.
- Enhancing collaboration through the offer of co-authorship if appropriate.
 - We believe co-authors should both make a 'substantive' contribution and should be actively involved in the final paper writing, revision, and understanding (e.g. all authors should be able to explain and present on the findings).
 - Substantive contributions include project initiation (including original ideas and proposal writing), obtaining funding and project administration, completion of field/lab work, data analysis.

What's Discouraged:

- Publishing work using Recovery Program data without informing the PIs/Offices who collected that data of your intent and goals.
- Publishing work using Recovery Program data without informing the Program Office of your intent and goals.
- Using summary statistics or other publicly available information instead of asking the PIs/Offices to collaborate.
- The Recovery Program preventing publication or authorship – we do not seek to prevent or derail publication.
- Submitting publications to journals without following the ethics guidance provided by FWS (for FWS employees). [Policy Review Guidance for Scientific Publications | U.S. Fish & Wildlife Service \(fws.gov\)](#)



STReaMS Data Access Pledge



Data Contributors

The data I submit to STReaMS/Recovery Programs is correct and complete to the best of my abilities. In collecting data, I conform to the standardized methods and procedures where available. I commit to being open and honest about the strengths and pitfalls of this data, being clear about how it should and should not be used. I commit to working in good faith with others to support translation of this data into information that is useful to the four ESA listed fish species we are collectively trying to recover.

Data Users

I commit to being open and honest about my intentions to use STReaMS/Recovery Program data, including informing both the Program Office and relevant PIs/Offices of my intent. I understand that the Program Office will not seek to restrain my ability to publish. I commit to using all of the resources available to me (e.g. people with expertise, statistically robust techniques, complete data sets) to produce the most scientifically robust work possible.

Revised 10/3/2024