



PLATTE RIVER RECOVERY IMPLEMENTATION PROGRAM (PRRIP -or- PROGRAM)

Non-Program Science On-Boarding Framework

Purpose:

This framework outlines a collaborative, repeatable, and trackable process for evaluating science generated by parties outside the structure of the PRRIP; determining if that outside science is relevant to the PRRIP and could potentially impact decision-making related to management actions and the PRRIP Science Plan; and establishing a forum for integrating that non-Program science into PRRIP implementation (e.g., use in Structured Decision Making (SDM) tools, retained as an alternative hypothesis).

What is “non-Program science”?

- Scientific/technical publication (peer-reviewed manuscript, report, other similar document) that relates to Program target species (whooping crane, piping plover, pallid sturgeon), river processes (e.g., geomorphology, sediment transport, vegetation scour), and overall PRRIP implementation (e.g., adaptive management (AM), adaptive governance (AG), decision-making).
- Non-Program science = monitoring, research, analysis, and/or synthesis that is not undertaken by the EDO, PRRIP partner entity, or PRRIP contractor as part of PRRIP Science Plan implementation.
- Authors may be affiliated with PRRIP partner entities, current or former ISAC members, current or former PRRIP contractors, or any outside party to the Program (e.g., academia, private consultant, governmental or non-governmental organization).
- The focus will be on articles published in refereed journals but could also include other documents like monitoring or other technical reports.

How is non-Program science introduced?

- 1) EDO alerted to published manuscript, report, document via Google Scholar or through other means.
- 2) PRRIP participant (e.g., member of GC, TAC, ISAC) provides published manuscript or report to EDO.
- 3) Author(s) contacts EDO or PRRIP participant directly.

On-Boarding Process:

Step 1:

- Document received, reviewed by EDO
- EDO completes Part 1 of Non-Program Science Review Template (see **Attachment A, Part 1**).
- Technical Advisory Committee (TAC) discusses original document and Part 1 of Non-Program Science Review Template at next regularly scheduled TAC meeting. Objectives of TAC discussion:
 - 1) Determine if Part 2 of Non-Program Science Review Template (see **Attachment A, Part 2**) should be completed.
 - 2) If so, appoint 1-3 subject matter experts from the TAC to assist EDO with completing Part 2 of Non-Program Science Review Template.
- **Deliverables** – Part 1 of Non-Program Science Review Template + TAC discussion as described in the TAC Meeting minutes.

Step 2:

- EDO convenes subject matter experts from staff and TAC appointees to discuss the document and complete Part 2 of the Non-Program Science Review Template.



- This group will engage with the author(s) through email, virtual meetings, or in-person meetings to get perspective of author(s) and to ensure understanding of methods and results and to assist with completing Part 2 of the Non-Program Science Review Template accurately.
- TAC discusses original document and Parts 1 and 2 of Non-Program Science Review Template at next regularly scheduled TAC meeting. Objectives of TAC discussion:
 - 1) Determine if matter is resolved.
 - 2) If not, TAC determines if matter should be discussed by the ISAC.
 - 3) If so, recommend to GC that GC instruct ISAC to take up the matter.
- Governance Committee (GC) discusses matter at next regularly scheduled GC meeting. Objectives of GC discussion:
 - 1) Advise and consent – understand issue at hand.
 - 2) If necessary, recommend ISAC discuss matter.
- **Deliverables** – Part 2 of Non-Program Science Review Template + TAC discussion as described in the TAC Meeting minutes + GC discussion as described in GC Meeting minutes.

Step 3:

- EDO convenes ISAC (virtually or in-person) to discuss and complete Part 3 of Non-Program Science Review Template (see **Attachment A, Part 3**). All TAC members and EDO staff will be invited to participate. Objectives of the ISAC discussion:
 - 1) Independent review of document in question and Parts 1 and 2 of Non-Program Science Review Template.
 - 2) Recommendation(s) on if/how to on-board technical aspects of document in question to improve PRRIP science.
- ISAC, TAC, and EDO report recommendation(s) to GC and summarize next steps at next regularly scheduled GC meeting.
- **Deliverables** – Part 3 of Non-Program Science Review Template + summary of ISAC discussion.



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Attachment A, Part 1

NON-PROGRAM SCIENCE REVIEW TEMPLATE – PART 1
Summary and Related/Referenced PRRIP Publication, Report, or Research

Date:	Source:	
Publication Title:		
Citation:		
<i>By PRRIP Stakeholders?</i> Yes / No	<i>Specific to Target Species, Associated Habitat Reach (AHR), or PRRIP Implementation?</i> Yes / No	<i>Parallel/Relevant/Informative to PRRIP Monitoring, Research, & Analysis?</i> Yes / No
Abstract or Summary		
•		
Relevant PRRIP Publication or Report		
•		



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Attachment A, Part 2

NON-PROGRAM SCIENCE REVIEW TEMPLATE – PART 2

Comparison to Relevant/Referenced PRRIP Publication, Report, or Research

Date:	Source:
Publication Title:	
Citation:	
Non-Program Science Citation	PRRIP Citation
Research Objective	
Study Area	
Methods (potential category examples)	
<u>General:</u>	
<u>Use Data:</u>	
<u>Choice Set:</u>	
<u>Landcover Classes:</u>	
<u>Other Variables:</u>	
<u>Top Model:</u>	
<u>Author Interpretation:</u>	
Publication Author Comments:	
•	
Review Committee (EDO + TAC Appointees) Comments	
•	



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Attachment A, Part 3

NON-PROGRAM SCIENCE REVIEW TEMPLATE – PART 3

ISAC Input and Non-Program Science On-Boarding Recommendations

Date:	Source:
Publication Title:	
Citation:	
ISAC Comments:	
<ul style="list-style-type: none">•	
Non-Program Science On-boarding: Data, methods, and analytical approaches that could be used to improve PRRIP models & tools:	
<ul style="list-style-type: none">•	