

Action for Salmon Recovery

Riley Finn

June 16th, 2026

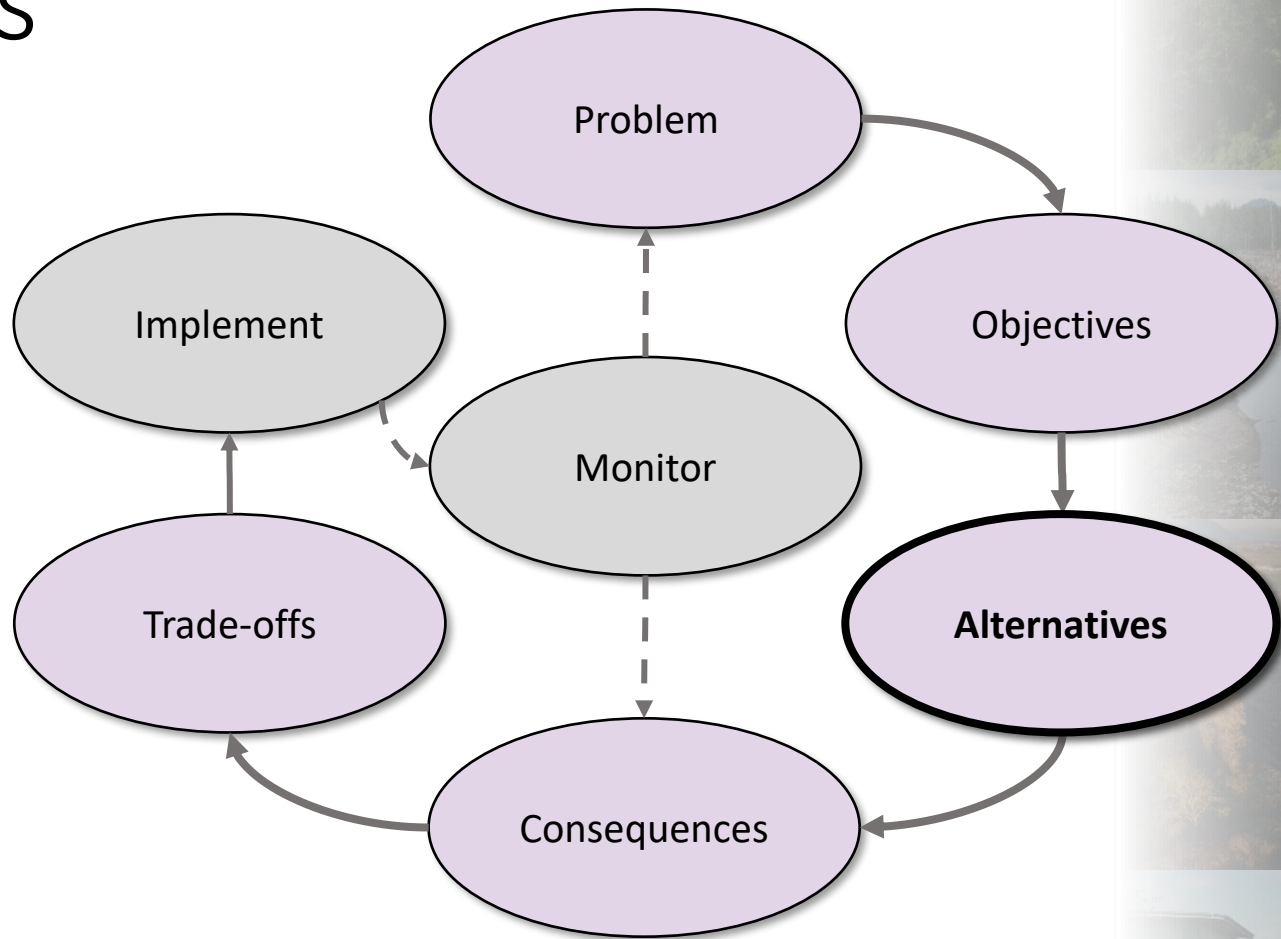


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Decision Analysis

- Understanding cumulative effects part of 'Problem Definition'
- What options are available?
- A robust list of alternatives can improve decision making



Hemming V et al. 2022. An introduction to decision science for conservation. *Conservation Biology* **36**:e13868.

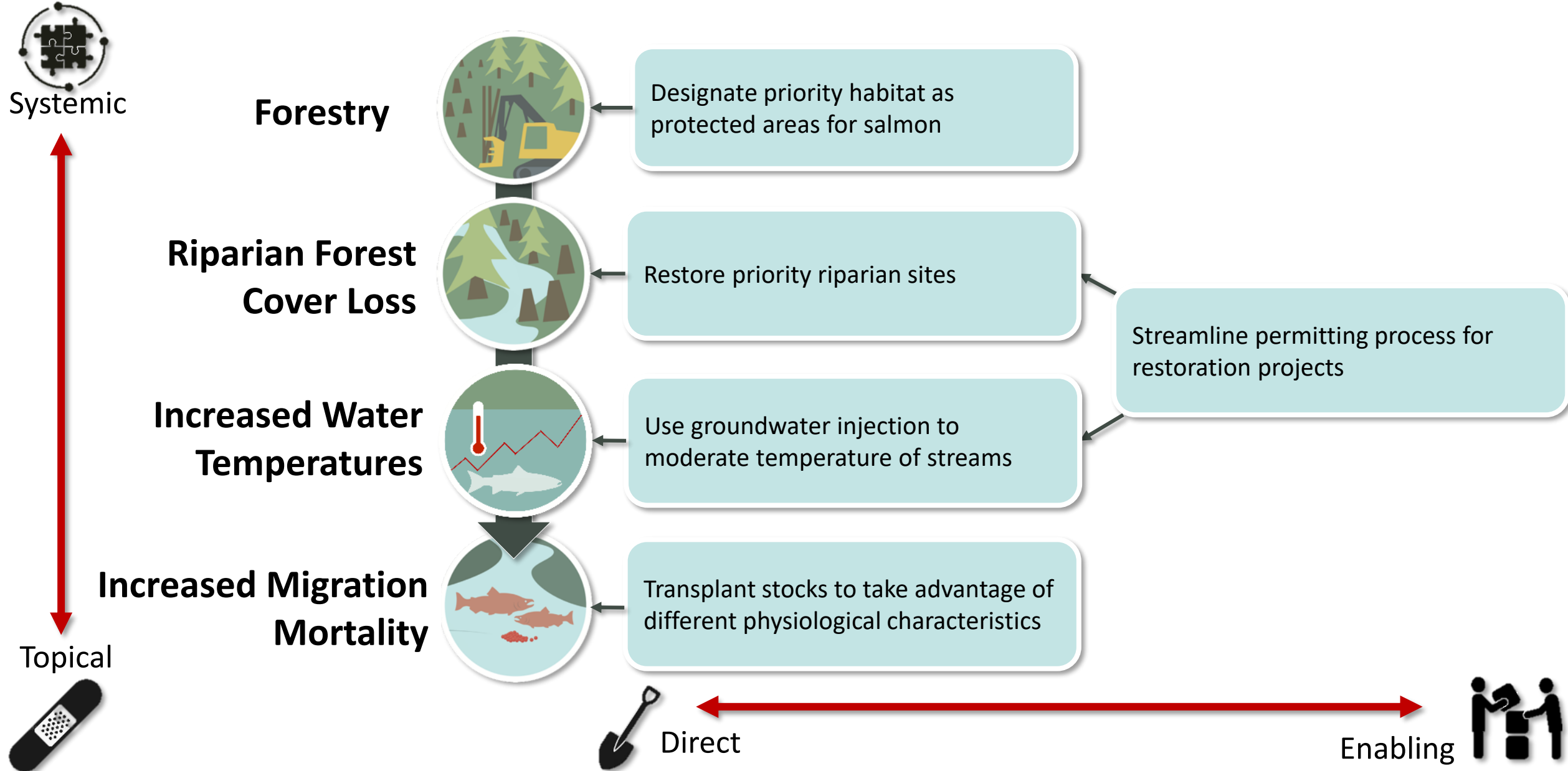


Recovery Plans and Strategy Development

- Planning processes can be initiated through a number of different mechanisms.
 - Endangered species legislation
 - Fisheries Act
 - Governmental and non-governmental organizations develop their own strategy documents and action plans
- What is in these plans and can we make ideas and strategies available across different watersheds?

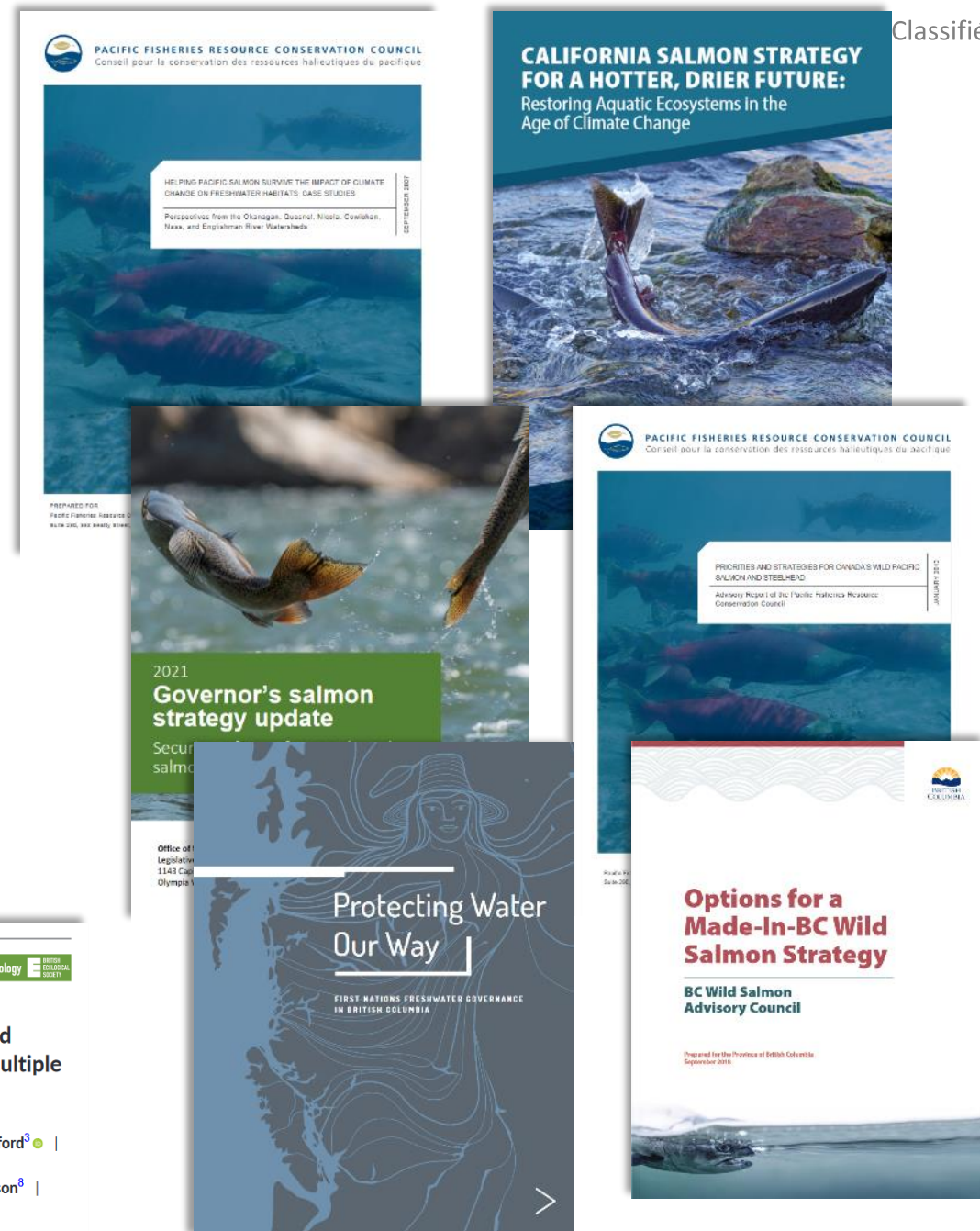


Mapping Actions to Pathways of Effects



Reviewing Existing Actions

- Categorized actions into descriptive categories and PoE levels
- Grouped synthesized actions into overarching strategies
- 618 discrete actions across 13 reports
- Synthesized into 124 generalized actions and 11 strategies



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CONTRIBUTED PAPER

Conservation Science and Practice
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Conservation in heavily urbanized biodiverse regions requires urgent management action and attention to governance

Laura J. Kehoe^{1,2,3} | Jessie Lund² | Lia Chalifour² | Eric Balke^{4,5,7} | Sean Boyd⁸ | Deborah Carlson⁹ | James Brendan Connors¹¹ | Nicolai Cryer¹² | Mark C. Drever¹³ | Colin Leavings¹⁴ | Misty MacDuffee¹⁵ | Heidi McGregor¹⁶ | David C. Scott¹⁵ | Daniel Stewart¹ | Ross G. Vennesland¹⁷ | Chad E. Wilkinson¹⁸ | Pamela Zevit⁵ | Julia K. Baum¹

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INFORMING DECISION-MAKING WITH INDIGENOUS AND LOCAL KNOWLEDGE AND SCIENCE

Prioritizing conservation actions for Pacific salmon

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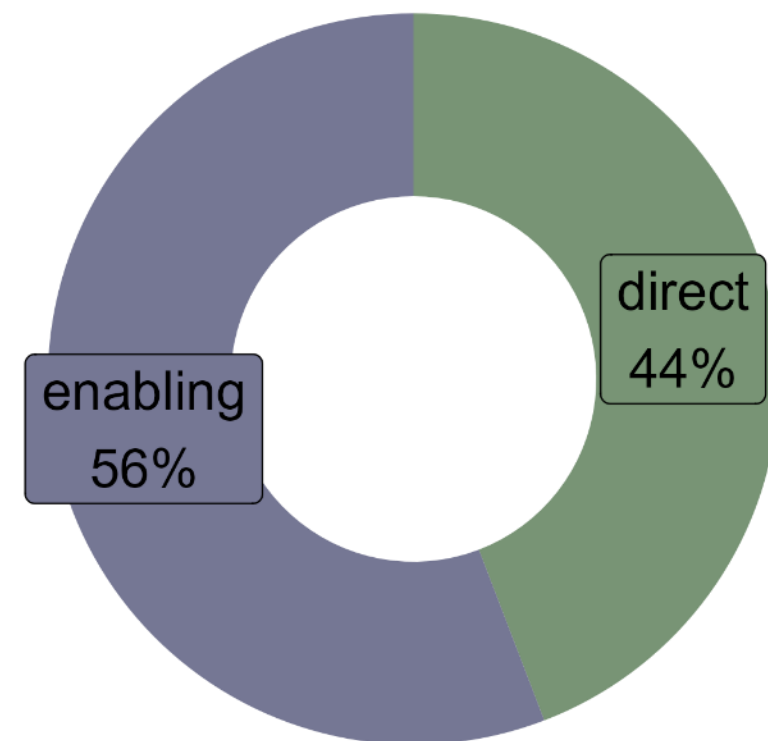
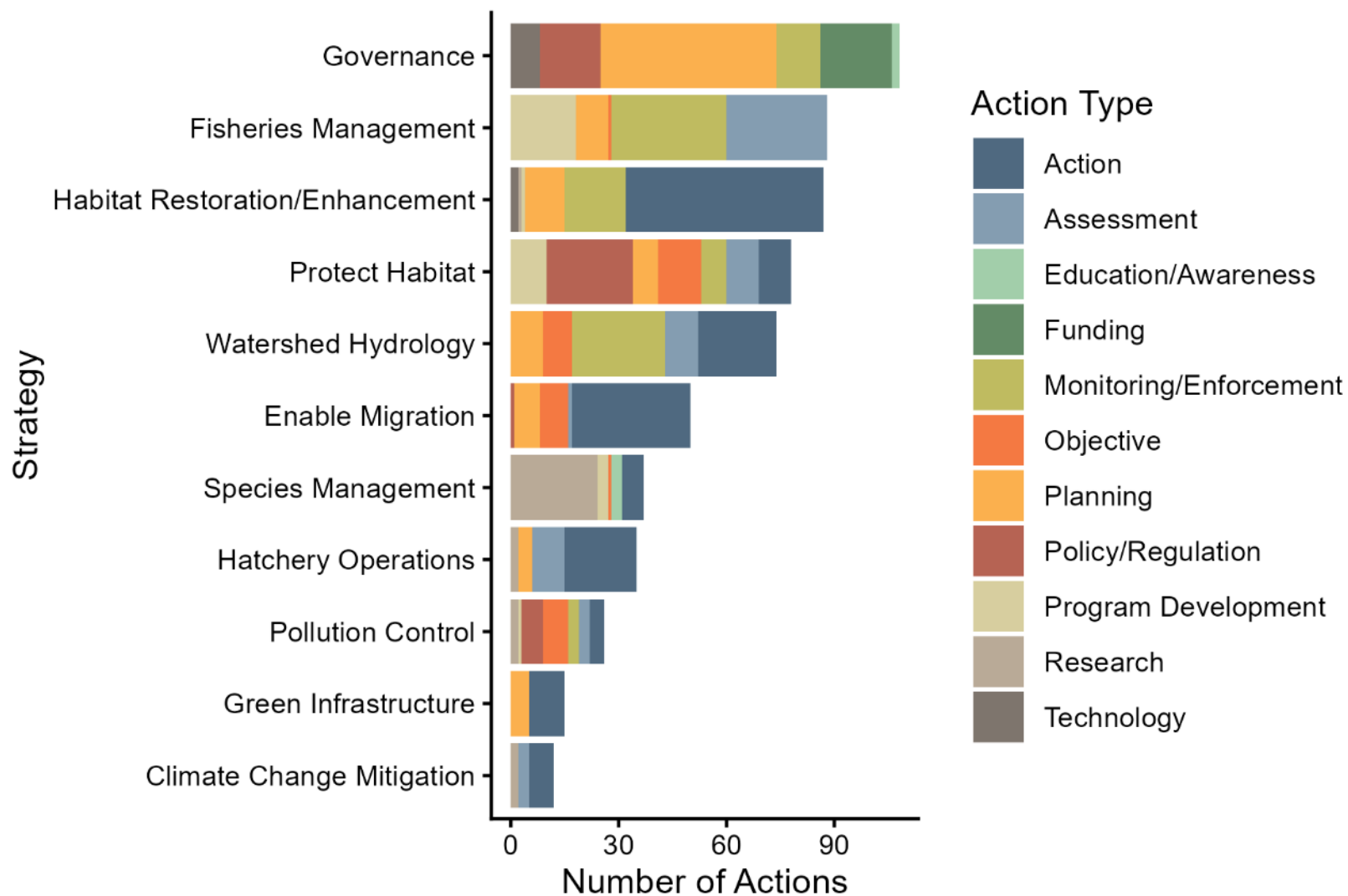
RESEARCH ARTICLE

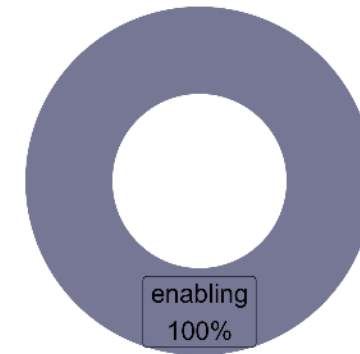
Identifying a pathway towards recovery for depleted wild Pacific salmon populations in a large watershed under multiple stressors

Lia Chalifour^{1,2} | Cassandra Holt¹ | Abbey E. Camaclang¹ | Michael J. Bradford³ | Ross Dixon⁴ | Riley J. R. Finn¹ | Victoria Hemming¹ | Scott G. Hinch⁵ | Colin D. Leavings⁶ | Misty MacDuffee⁴ | Derek J. H. Nishimura⁷ | Michael Pearson⁸ | John D. Reynolds⁹ | David C. Scott^{4,5} | Uwe Sprenberg¹⁰ | Steven Stark¹¹ | John Stevens¹² | Julia K. Baum² | Tara G. Martin¹

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Frequency of Strategies





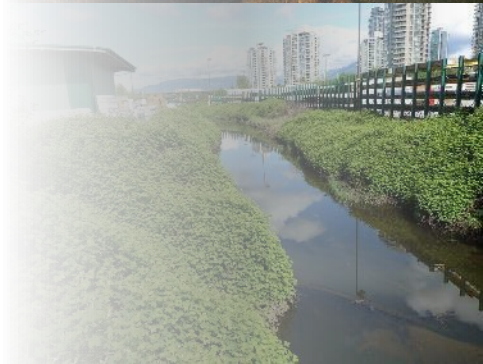
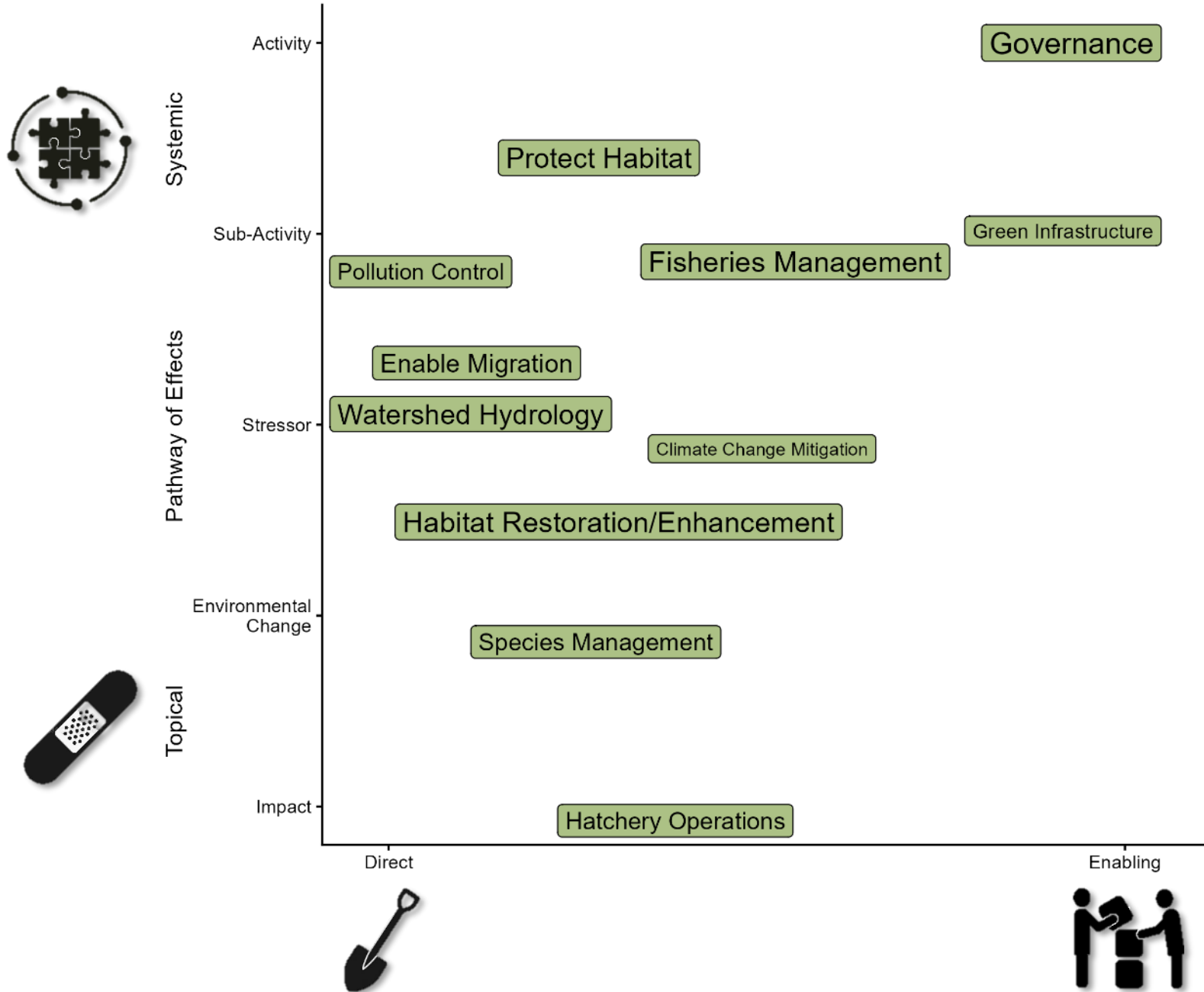
- Communication and relationships are fundamental and require dedicated funding

Develop collaborative relationships or new governance models to oversee and coordinate strategies to protect and restore salmon and their habitats

Establish permanent, dedicated funding source to fully fund salmon recovery plans and actions

Recognize Indigenous rights to water and salmon

Solution Space



Key Points

- Creating 'toolbox' for salmon watersheds
- Characterize strategies using PoE framework
- Increasing collaborative capacity was most common action across all plans
- This paper is in development but will be made available



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WATERSHED FUTURES
INITIATIVE

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