



Delta Stewardship Council: Permitting Adaptive Management

Workshop: Permitting for Adaptive Management Success

Adaptive Management Forum 2021

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**Delta
Science
Program**

DELTA STEWARDSHIP COUNCIL

Types of projects applying for consistency with the Delta Plan

Ecosystem restoration projects



Water management projects





Aspects of projects the consistency determination covers

- Water resources
- Ecosystem restoration
- Delta as place
- Risk reduction
- General:
 - Best Available Science
 - Mitigation Measures
 - Adaptive Management**





Delta Plan G P1 (b)(4)

Ecosystem restoration and **water management** covered actions must include adequate provisions, appropriate to the scope of the covered action, to assure continued implementation of adaptive management.



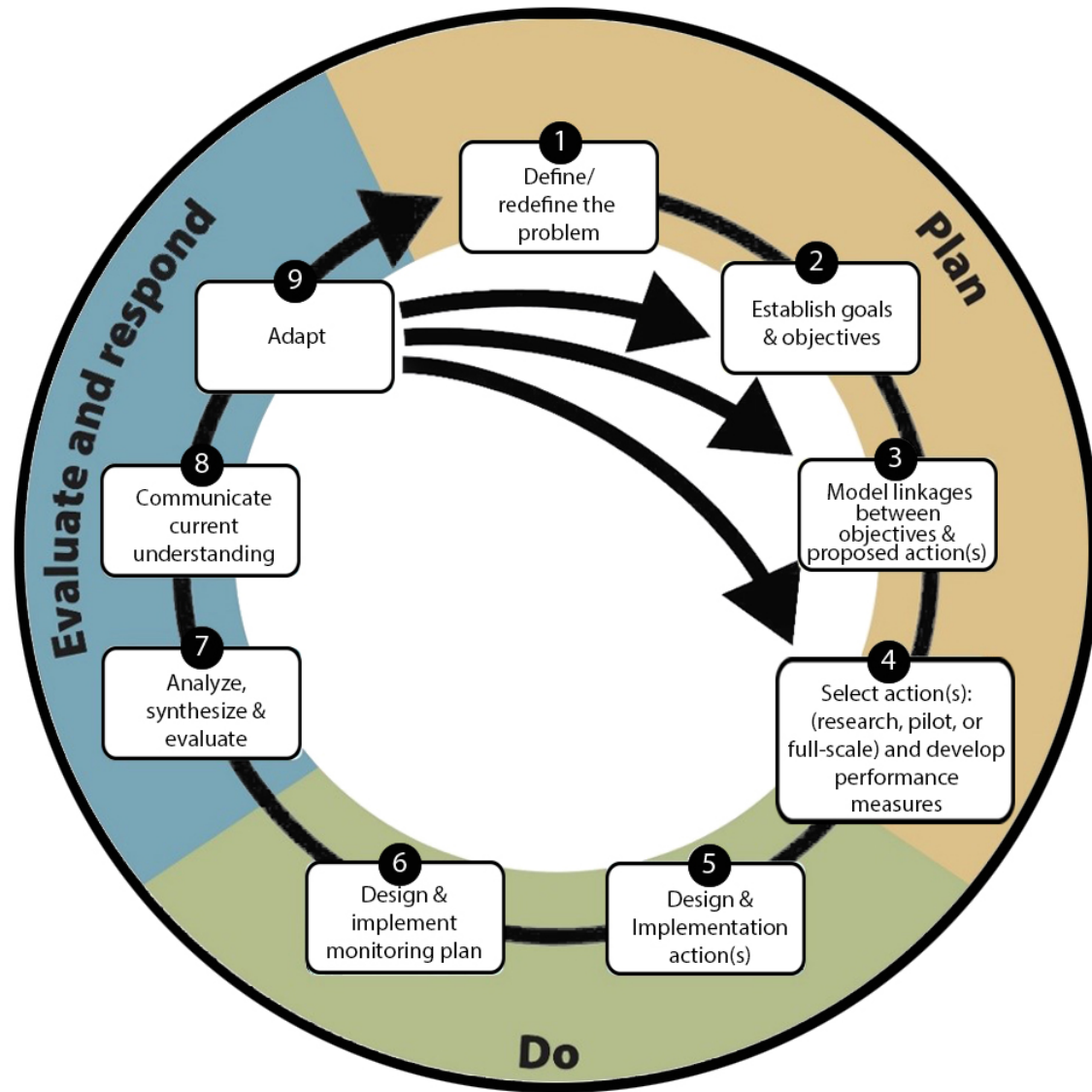
Delta Plan G P1 (b)(4)

Ecosystem restoration and **water management** covered actions must include adequate provisions, appropriate to the scope of the covered action, to assure continued implementation of adaptive management.

This requirement shall be satisfied through both of the following:

- An adaptive management plan
- Documentation of access to adequate resources and delineated authority by the entity responsible for the implementation of the proposed adaptive management process.

Adaptive Management Framework



Elements of an Adaptive Management Plan

Project Description

Project Plan

- Problem Statement
- Goals and Objectives
- Linkages between Objectives and Proposed Actions
- Selected Actions

Monitoring, Evaluation, and Adaptation

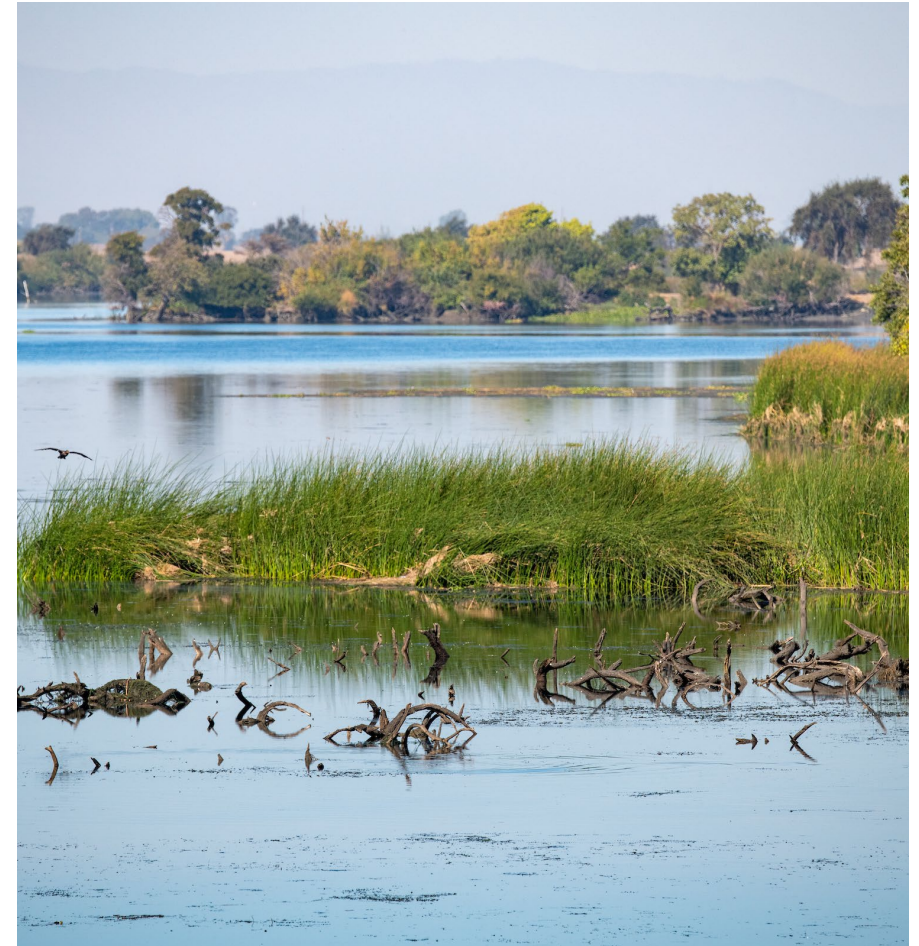
- Monitoring Plan
- Data Management
 - Data Collection, Storage, and Sharing
 - Data Analysis and Project Evaluation
- Adaptation
- Communication

Adaptive Management Response Table



Challenges of Meeting Adaptive Management Requirements

- Knowledge/awareness of uncertainties
- Willingness to address uncertainties with a project
- Project scale
- Regulatory overlap
- Access to adequate resources



A long, multi-lane concrete bridge spans across a wide body of water. The bridge is supported by numerous tall, cylindrical concrete pillars. The sky is filled with heavy, grey clouds, and the water reflects the overcast light. In the foreground, there is a patch of dry, brown grass. The text "Thank you!" is centered in the middle of the image in a white, sans-serif font.

Thank you!