



2021 ADAPTIVE MANAGEMENT FORUM

Practice of Adaptive
Management Planning

#AMForum2021

Karen Kayfetz

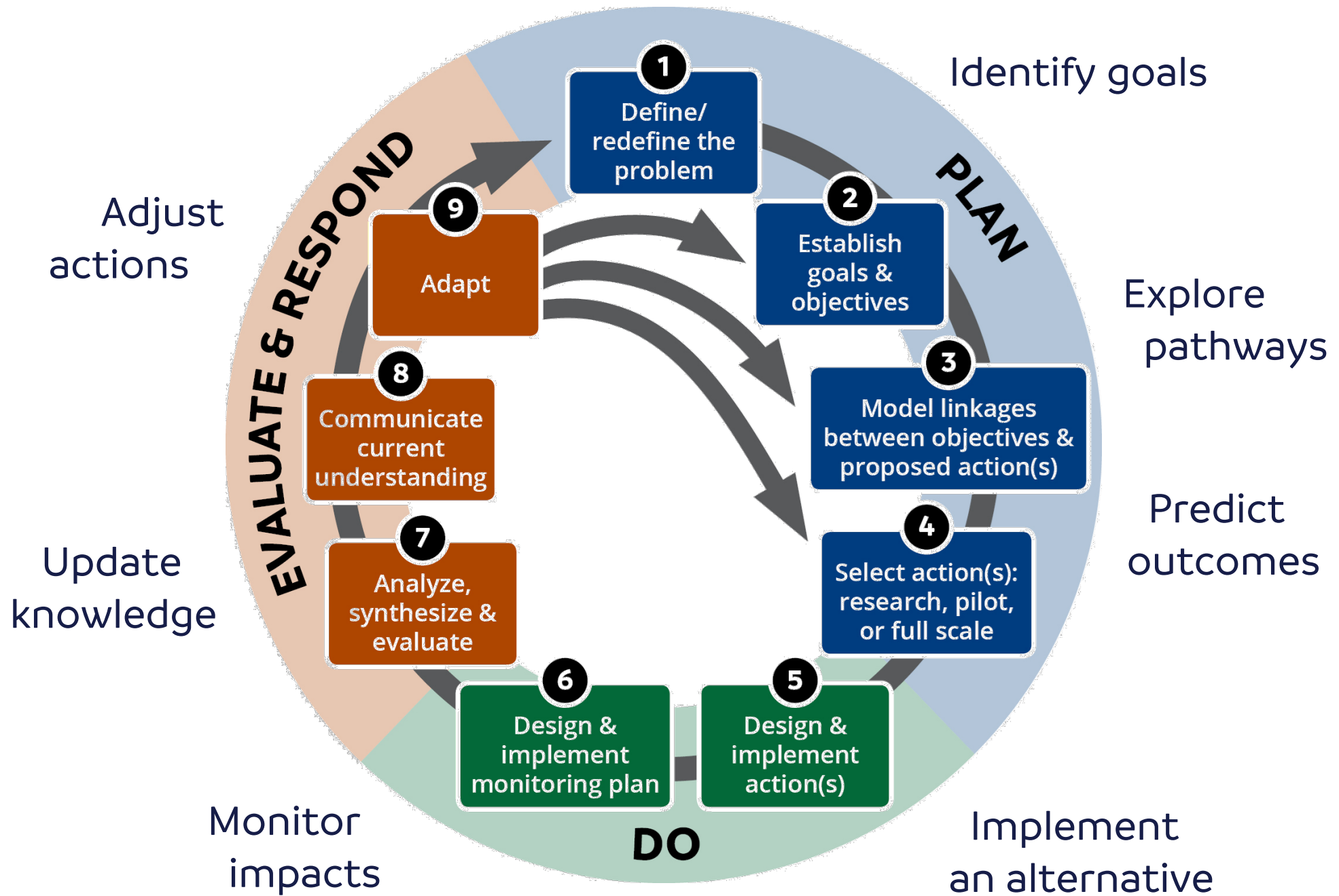
Adaptive Management Program Manager



**Delta
Science
Program**


DELTA STEWARDSHIP COUNCIL


**What does it mean
to practice adaptive
management?**




FEB 3


Revisiting the Foundations and Planning for the Future 


Practice of Adaptive Management Planning 

Afternoon workshops
• Adaptive Management Planning 101
• Delta Landscapes Scenario Planning Tool 


FEB 4

Closing the Adaptive Management Loop 

Adaptive Management Surprises and Successes 

Afternoon workshops
• Permitting for Adaptive Management Success
• Delta Landscapes Scenario Planning Tool 

FEB 5

Mechanisms of Adaptive Management 

The Future of Adaptive Management 



Plenary



Standard talks



Lightning talks



Breakout groups

Flow Pulse for Food Support
Brittany Davis, DWR



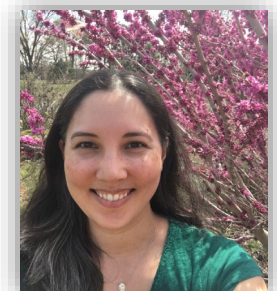
South Bay Salt Pond restoration AMP
John Bourgeois, Valley Water

Fish Restoration Program AMMPs
Stacy Sherman, CDFW



Suisun Marsh Individual Management Plan Updates
John Takekawa, Suisun RCD

Central Valley Project Data Management
Megan Cook, USFWS





Venues for adaptive management review



**Interagency
Adaptive
Management
Integration Team
(IAMIT)**



**Suisun Adaptive
Management
Advisory Team
(AMAT)**



**Delta Plan Early
Consultation/
Adaptive
Management
Liaisons**

Interagency Adaptive Management Integration Team (IAMIT)

- Support and technical guidance
- Review project designs
- Advise on standardized monitoring protocols
- Discuss management uncertainties
- Connect projects to relevant research
- Learn post-construction to inform adaptation



Interagency Adaptive Management Coordination

Convened by the Delta Science Program, the Interagency Adaptive Management Integration Team (IAMIT) discusses and coordinates strategies for implementing adaptive management for conservation efforts in the Sacramento-San Joaquin Delta and related areas.

The IAMIT serves as a technical team - made up of scientific and technical staff from local, state, and federal agencies, and key stakeholder groups - that crosscuts individual agency missions and provides high-level input and guidance on current and future adaptive management. Its activities are guided by the [April 2019 Delta Conservation Adaptive Management Action Strategy](#). For more information on the group, [view the IAMIT's information sheet](#).

To learn more about the history of adaptive management in California's Delta, see the 2016 Delta Independent Science Board Review, "[Improving Adaptive Management in the Sacramento San-Joaquin Delta](#)," or contact adaptivemanagement@deltacouncil.ca.gov.

[Adaptive Management Plan 101](#)

[Conceptual Models](#)

[Monitoring Resources](#)

[Environmental Data Resources](#)

Adaptive Management Plan Development 101

These resources are intended to assist project proponents with Adaptive Management Plan (AMP) preparation for consistency with the Delta Plan and other regulatory processes. Use of these resources does not guarantee consistency with any regulatory decision-making process.

Unlinked documents in the table below are available upon request via archives@deltacouncil.ca.gov.

Document	Description	Agency/Group
AMP Checklist (PDF)	Details what needs to be included in a basic AMP	IAMIT
AMP Content & Examples (PDF - coming soon)	An outline of potential content to include in an AMP and examples of content from past Delta projects	IAMIT
Delta Plan Appendix C: Adaptive Management and the Delta Plan (PDF)	Description of AM and best available science in the context of the Delta Plan	DSC
Data Management Plan (PDF - coming soon)	Guide for managing data and developing data management plans	DSC
A Systems Approach to Ecosystem Adaptive Management : A US Army Corps of Engineers Technical Guide (PDF)	Implementation guidance for Sections 2036 and 2039 of WRDA 2007 and Section 1161 of WRDA 2016.	USACE
Adaptive Management: A U.S. Department of the Interior Application Guide (PDF)	Guide for applying adaptive management to restoration and other management projects	USDOJ

Venues for adaptive management review



**Interagency
Adaptive
Management
Integration Team
(IAMIT)**



**Suisun Adaptive
Management
Advisory Team
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**Delta Plan Early
Consultation/
Adaptive
Management
Liaisons**

Suisun Adaptive Management Advisory Team (AMAT)

- Provide AM and permit guidance to projects
 - Phase 1: Concept design
 - Phase 2: 40% design
 - Phase 3: 95% design
 - Phase 4: Post-construction (1 year and 3-5 years)
- Track key management uncertainties
- Update conceptual models
- Track achievement of restoration targets



Venues for adaptive management review



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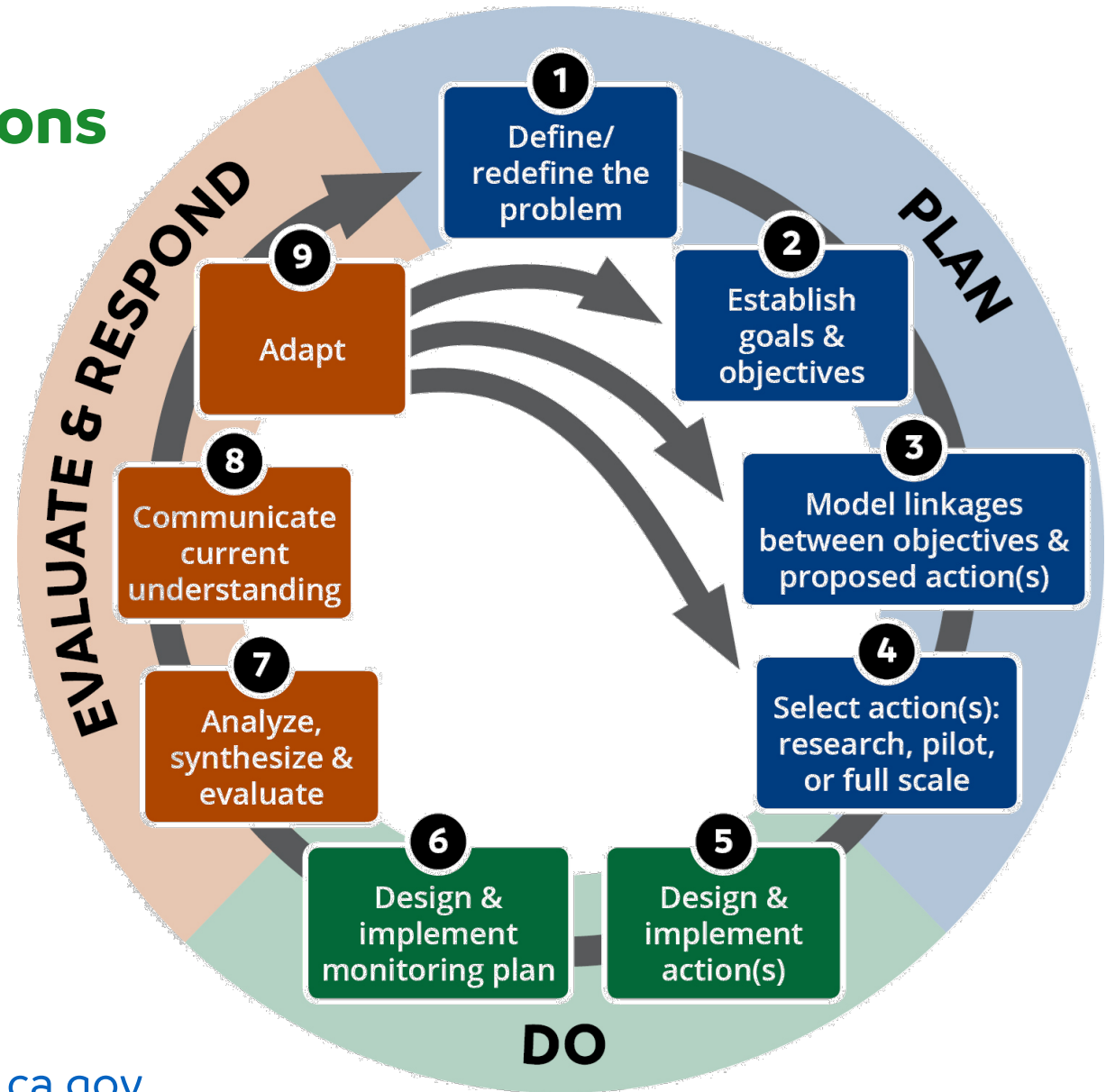


**Delta Plan Early
Consultation/
Adaptive
Management
Liaisons**

Delta Plan Covered Actions

Adaptive Management Liaisons

- Conceptual & numerical models
- Regional monitoring activities
- Relevant research
- Key uncertainties
- Potential funding avenues
- Coordination with IAMIT and Suisun AMAT



Contact adaptivemanagement@deltacouncil.ca.gov

Other venues supporting adaptive management

A blue-tinted photograph of a coastal landscape with trees and a body of water.

**Collaborative
Science and
Adaptive
Management
Program
(CSAMP/CAMT)**

A green-tinted photograph of a grassy field with trees in the background.

**Fish Agency
Strategy Team
(FAST)**

A blue-tinted photograph of a boat on a body of water with mountains in the distance.

**Bay Restoration
Regulatory
Integration Team
(BRRIT/PMT)**

What's next?

11:00-11:25 Lightning talks

11:25-11:40 Group Q&A

11:40-12:00 Breakout discussions

Lunch (post a comment to Mural)

1:30-3:30 Afternoon workshops





THANK YOU!

