Adapting Restoration for a Changing Climate Symposium

Information Sheet

Delta Science Program

DELTA STEWARDSHIP COUNCIL

- The Delta Science Program will host a virtual symposium on adapting restoration for a changing climate on February 2-3, 2022.
- The symposium will explore how immediate and long-term climate change considerations are currently being integrated into the planning and implementation of restoration projects in the San Francisco Bay-Delta and beyond.
- The sessions will focus on the implementation and science of restoration, and the social and political dimensions that shape projects.

Background

Across the Bay-Delta and its watershed, extensive land-use changes have reconfigured historical natural ecosystems and their processes – reducing the resilience of remaining ecosystems to climate change. Restoration and management strategies that incorporate climate change are critical to strengthening resilience and require innovative, collaborative thinking.

Goals

1) **Foster information sharing** about climate-adaptive restoration across a variety of project and ecosystem types;
2) **Create an enabling environment** around climate-adaptive restoration by connecting decision-makers, practitioners, stakeholders, and scientists; and
3) **Strategize** about how restoration can be adapted to a changing climate and include long-term planning horizons.

Approach

The Delta Science Program is organizing this symposium with the support of a volunteer planning committee with representation from various agencies and organizations. Sessions with talks, panels, and interactive discussions are being planned to:

- **Share approaches, lessons learned, successes, and failures** from projects that have implemented climate-adaptive restoration;
- **Emphasize process-based restoration** and the importance of long-term resilience in the face of uncertainty;
- **Explore and distill key takeaways** from planning, funding, permitting, collaboration, and communication strategies around climate-adaptive restoration; and
- **Build shared understandings** of climate-adaptive restoration across entities working in the estuary and its watershed.

Learn more

For more information, please visit the adaptive management web page.