



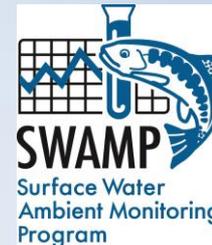
# Healthy Streams Partnership Update

*Presentation to the  
California Water Quality Monitoring Council  
May 29<sup>th</sup>, 2015*

*Lori Webber  
State Water Board  
Healthy Streams Partnership Co-chair*

# Presentation Outline

- Healthy Streams Partnership overview/products
- Recent meetings:
  - Business Plan (direction from Council)
  - Mission statement revisited
  - Work group priorities revised
  - Proposed name change: **Healthy Watersheds Partnership**
- Goal for today: feedback from Council on revised priorities and direction of the work group



**We are a work group of the California Water Quality Monitoring Council.**

**HSP Website:** [http://www.mywaterquality.ca.gov/monitoring\\_council/healthy\\_streams/](http://www.mywaterquality.ca.gov/monitoring_council/healthy_streams/)

Office of Governor  
**Edmund G. Brown Jr.**  
[Visit his Website](#)



- Cal/EPA
- Natural Resources Agency
- About the California Water Quality Monitoring Council

### AQUATIC HEALTH LINKS

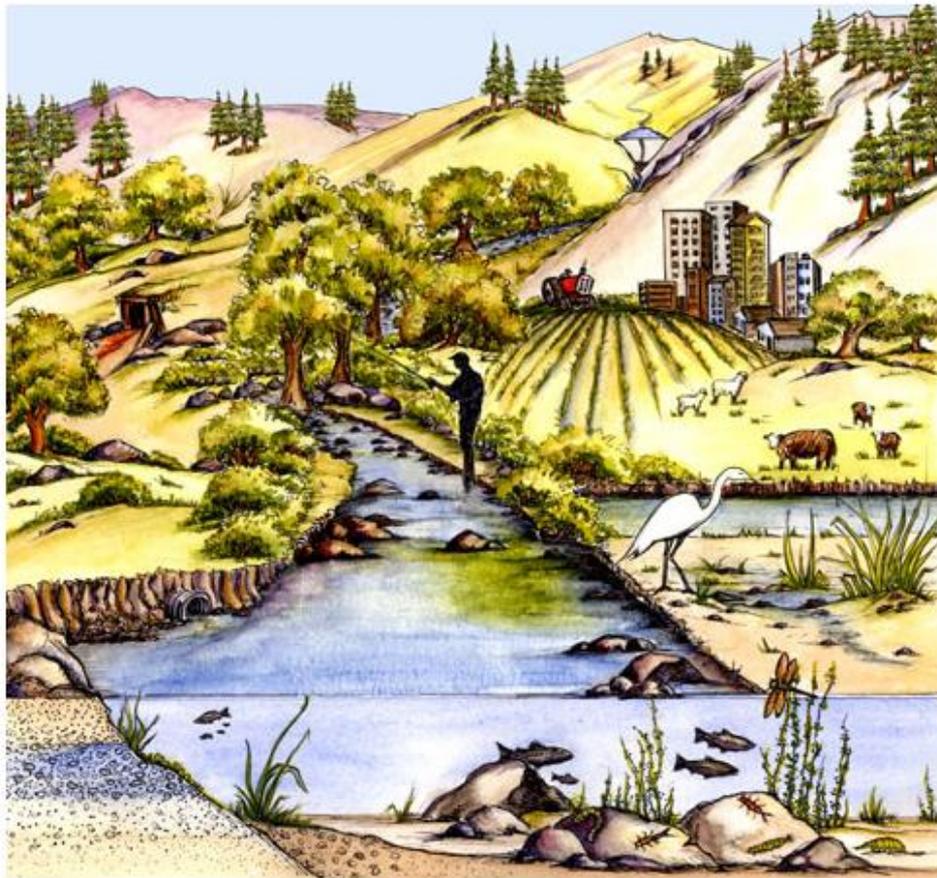
- Stressors
- Laws, Regulations & Standards
- Regulatory Activities
- Enforcement Actions
- Research
- Monitoring Programs, Data Sources & Reports

## California Streams, Rivers and Lakes



[Urban](#) | [Agriculture](#) | [Other Uses](#) | [Fines & Sands](#) | [Gravels](#) | [Cobbles & Boulders](#) | [Riffles & Rapids](#) | [Buffer](#) | [Riparian Cover](#) | [Pools](#) | [Groundwater](#) | [Water Quality](#) | [Sediment Quality](#) | [Stream Gradient](#) | [Channel Stability](#) | [Channel Alteration](#) | [Algae](#) | [Bugs](#) | [Fish](#) | [Fish Contaminants](#) |

**Also see:** [Hydrologic Connectivity](#) | [Hydrologic Sufficiency](#) | [Invasive Species](#) | [Sediment Balance](#)



Healthy streams, rivers, and lakes provide safe drinking water, recreational opportunities, and important habitat for species ranging from the red-shouldered hawk to steelhead to crayfish and dragonflies. Maintaining healthy streams, rivers, and lakes can reduce the need for water treatment and water supply costs and make landscapes more resilient to climate change. To determine the health of a waterway and the flora and fauna that live there, investigators can use a combination of chemical, biological, and physical assessments. Among the characteristics that may be considered are habitat quality, aquatic life diversity, water chemistry, stream hydrology, the physical channel form, and sediment transport processes of the stream.

*Navigation Instructions:* [Show](#) | [Hide](#) .

→ [Portal Fact Sheet](#)

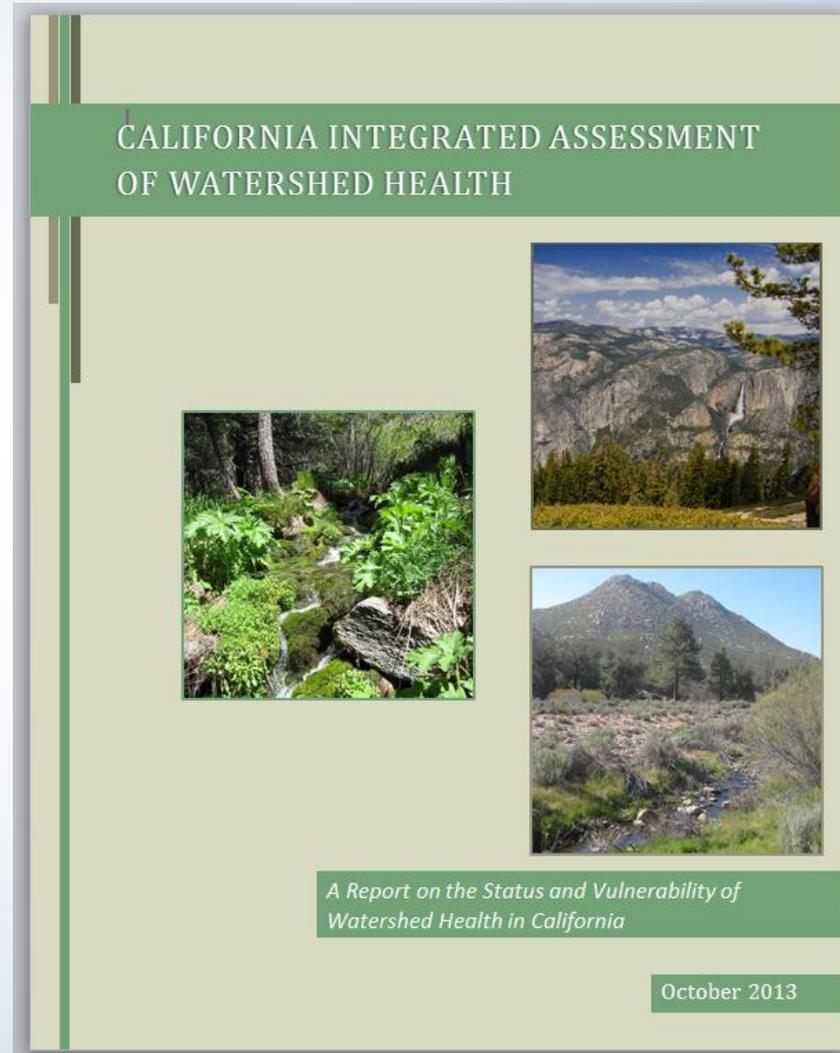
### QUESTIONS ANSWERED

- [What is the extent of our stream and river resources?](#)
- [What is the condition of our streams and rivers?](#)
- [What is being done to make our waters healthier?](#)

→ [California Watersheds Slideshow](#) - Learn

# HWI Watershed Assessments

- Funds from USEPA HQ, technical work by Cadmus with HSP review
- Final report released October 2013
- Framework to develop more robust watershed assessments



# Recent Discussions

- November 2014 – Council directed each work group to develop a **business plan** by end of 2015
- February 2015 – HSP Strategy Meeting
  - Reviewed mission and goals
  - Recognized watershed context
  - Healthy **Watersheds** Partnership proposed
- April 2015 – Core Members Meeting
  - New mission statement
  - List of projects

# Draft HWP Mission Statement and Programmatic Goals

**The Healthy Watersheds Partnership (HWP) is dedicated to improving the way watershed health is defined, measured and managed in California.**

- Create a common framework for generating, assembling, disseminating and analyzing data related to water quality, landscape condition and ecological integrity by leveraging existing efforts across agencies.
- Serve as an increasingly essential resource for scientists, resource managers and the public.
- Effect change through improved coordination and collaboration among local, state, and federal agencies, tribes, and non-governmental organizations and other CWQMC workgroups.

# Implications of Revised Mission

- Change name of workgroup to: **Healthy Watersheds Partnership**
- Collaboration with other ecosystem health work groups
- Attract additional partners
- New project priorities

# HWP Projects

## Watershed Assessments

**Version 1** – display existing maps on Portal, identify candidate priority watersheds for protection and restoration

**Version 2, 3**– test predictions, additional indicators, user-selected comparisons (“super toggle”), evaluate data integration methods

# HWP Projects (cont'd)

## Portal Enhancements

- Develop Statewide Integrated Assessment Report Cards by building on Regional Report card efforts
- Add data sets including physical habitat, algae, fish, and chemistry
- Data analysis/visualization tools (e.g. CCAMP data navigator)
- Watershed-based reports (e.g. TMDL report cards, NPS success stories)

# HWP Projects (cont.)

## Outreach and Partnerships

- Collaborate with other Ecosystem Health Workgroups, including CWMW
- Incorporate elements from other agency planning efforts(e.g. CDFW [SWAP], CalFire [FRAP], etc.)
- Provide a resource for citizen monitors

# Feedback from Council

- Proposed name change to Healthy **Watersheds** Partnership
- Mechanism to collaborate with other work groups (e.g. CWMW)
- Proposed list of projects
- Funding opportunities