

**A work group of the California Water Quality Monitoring Council whose mission is to promote the protection of healthy streams and the restoration of threatened and impaired streams.**



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

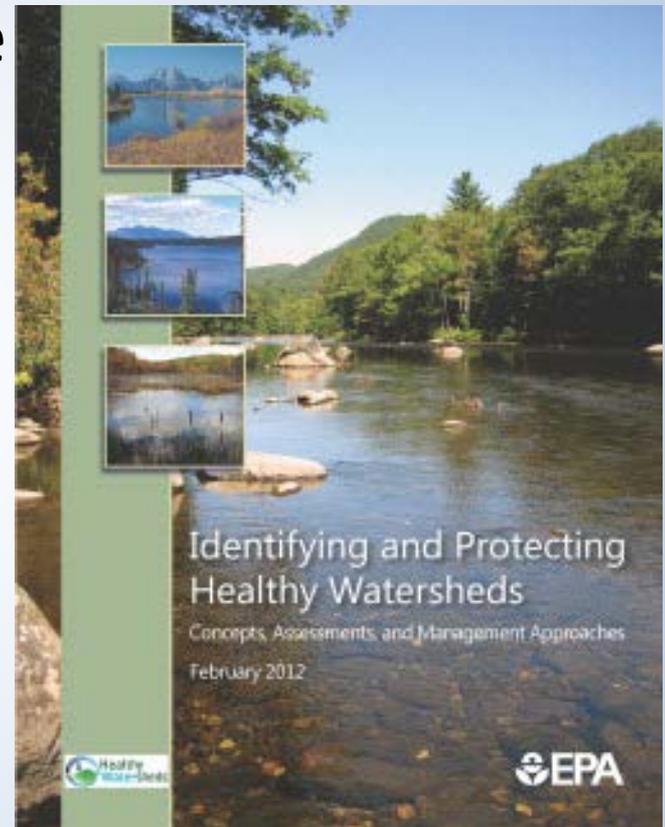
# USEPA Healthy Watershed Initiative

## Overarching goals of the Initiative

- Identify healthy watersheds.
- Protect and maintain healthy watersheds, and increase their numbers over time.
- Raise the visibility and importance of protecting high quality waters.

EPA HWI website

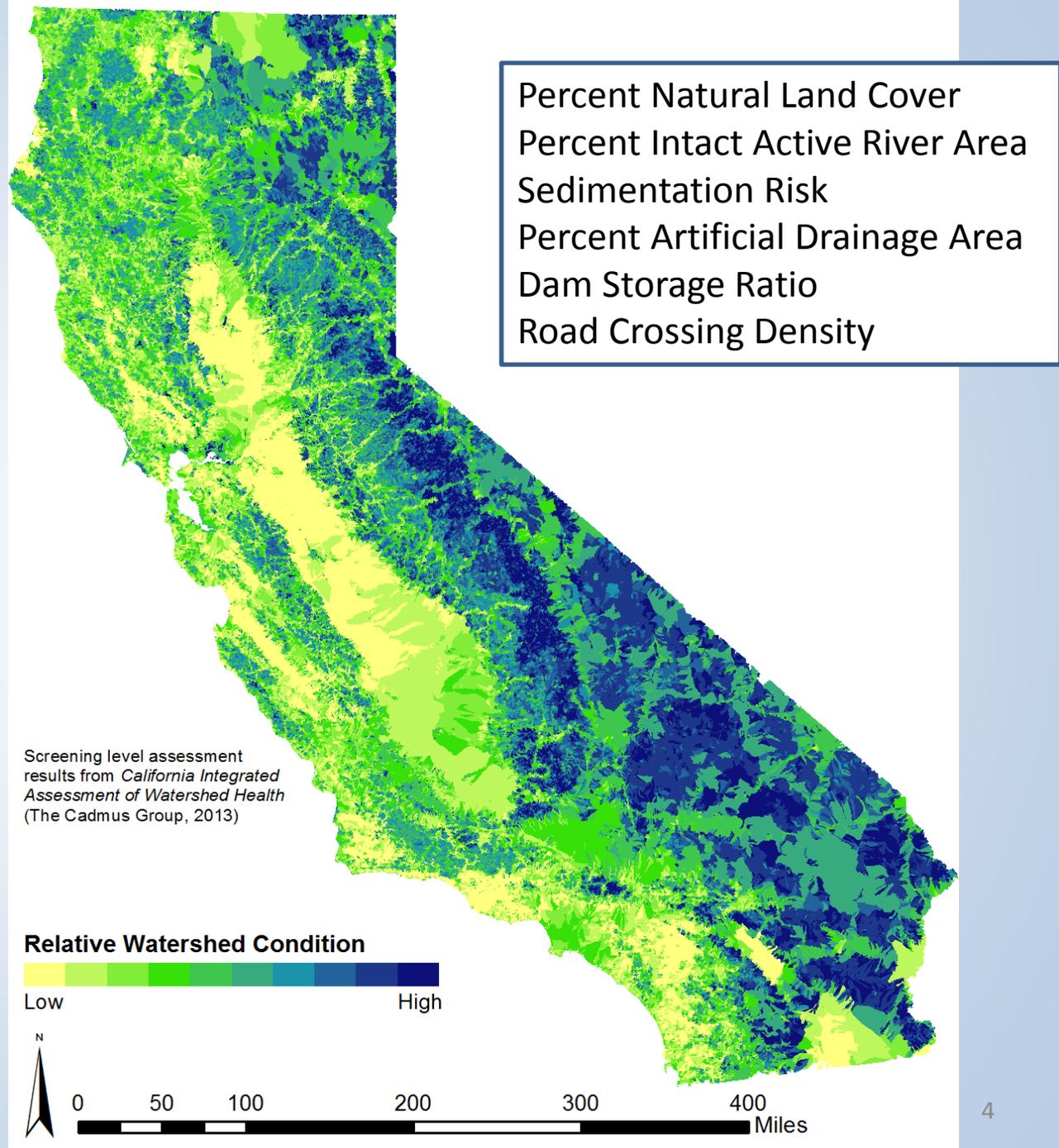
[www.epa.gov/healthywatersheds](http://www.epa.gov/healthywatersheds)



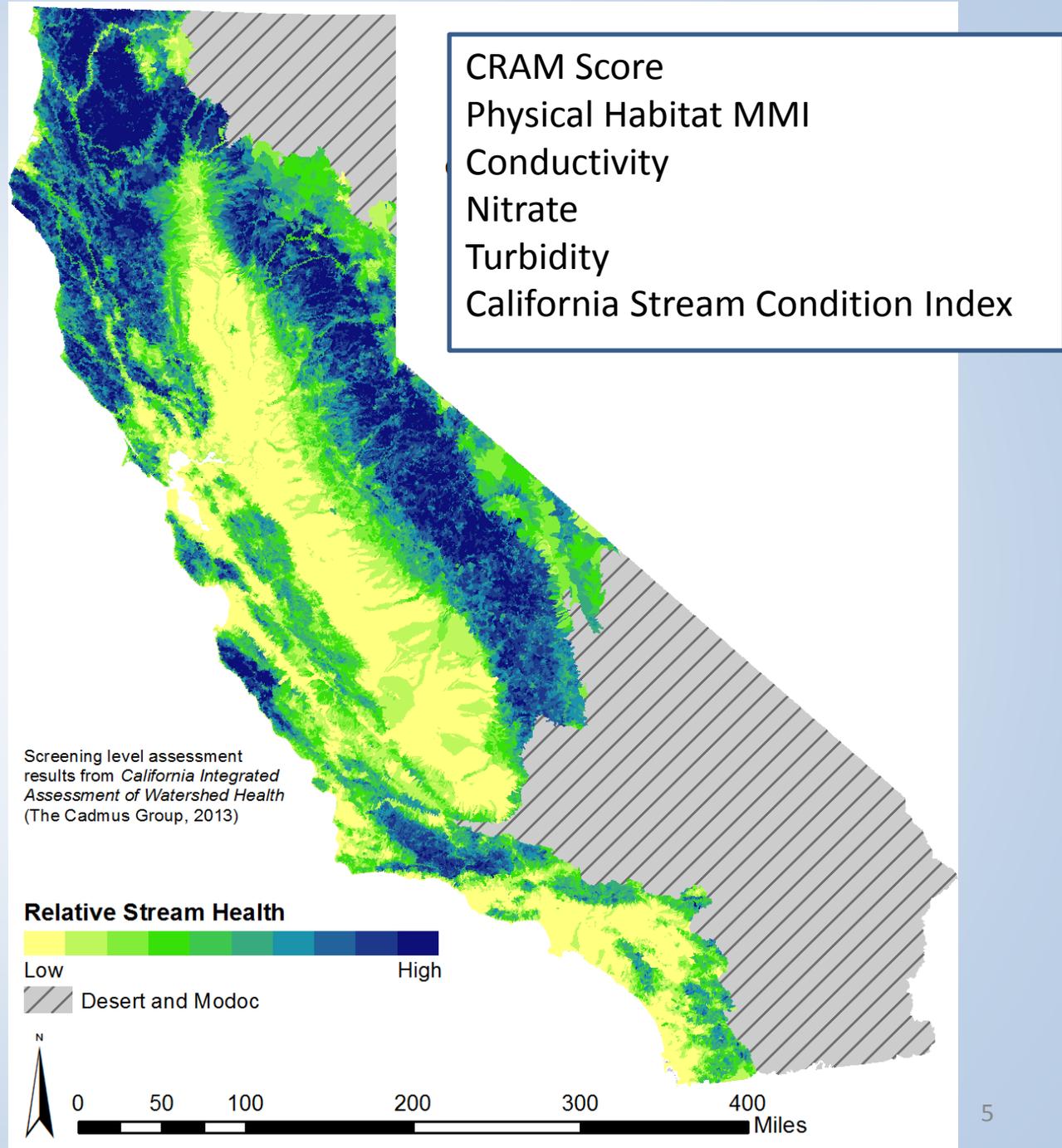
# California Watershed Assessments

- Partnership between **USEPA Healthy Watershed Initiative** and the **Healthy Streams Partnership**.
  - USEPA funded
  - Technical work conducted by Cadmus
  - HSP served as the technical review team
- **Multimetric indices**
  - Watershed condition
  - Stream health
  - Watershed vulnerability

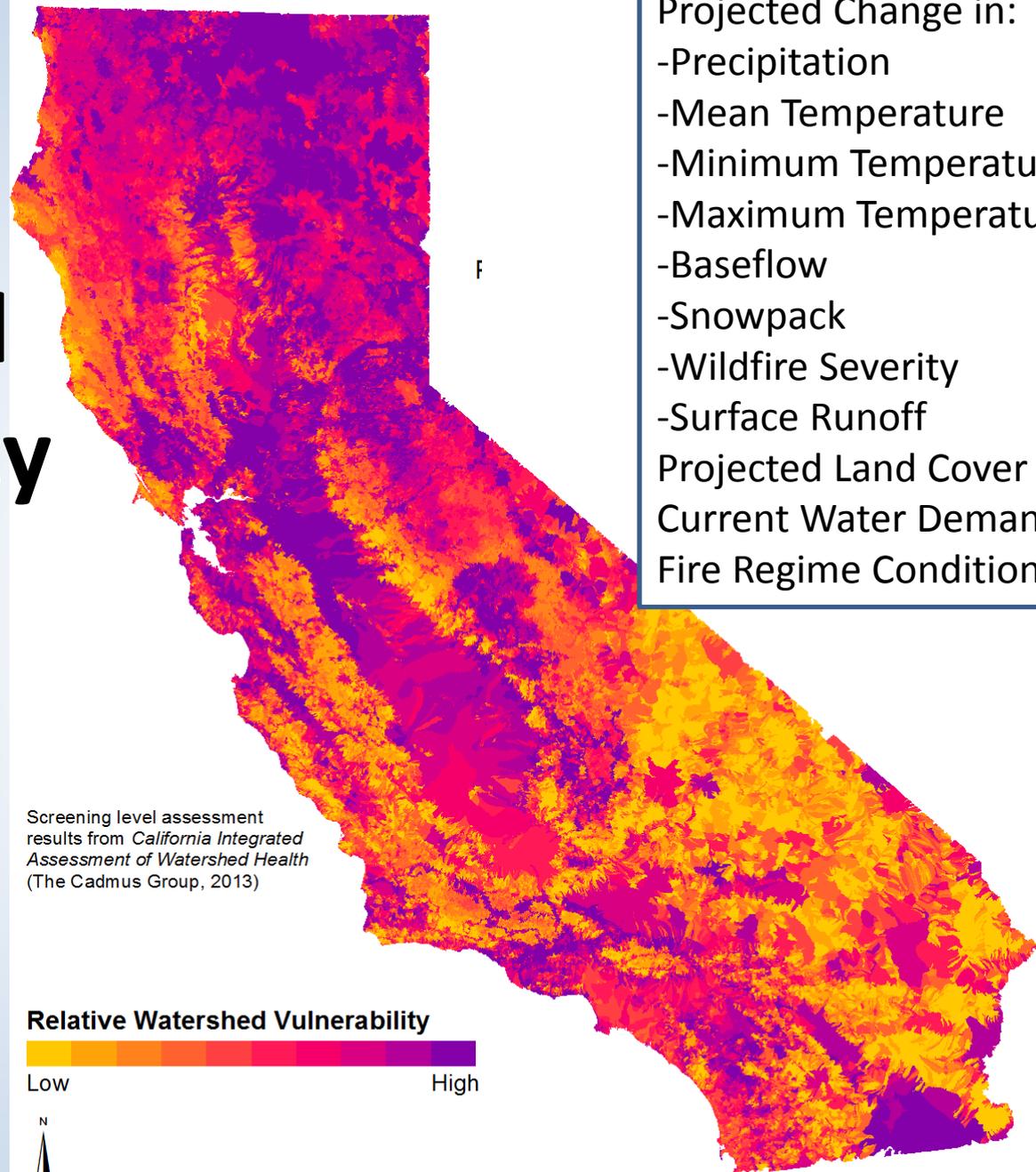
# Relative Watershed Condition Index



# Relative Stream Health Index



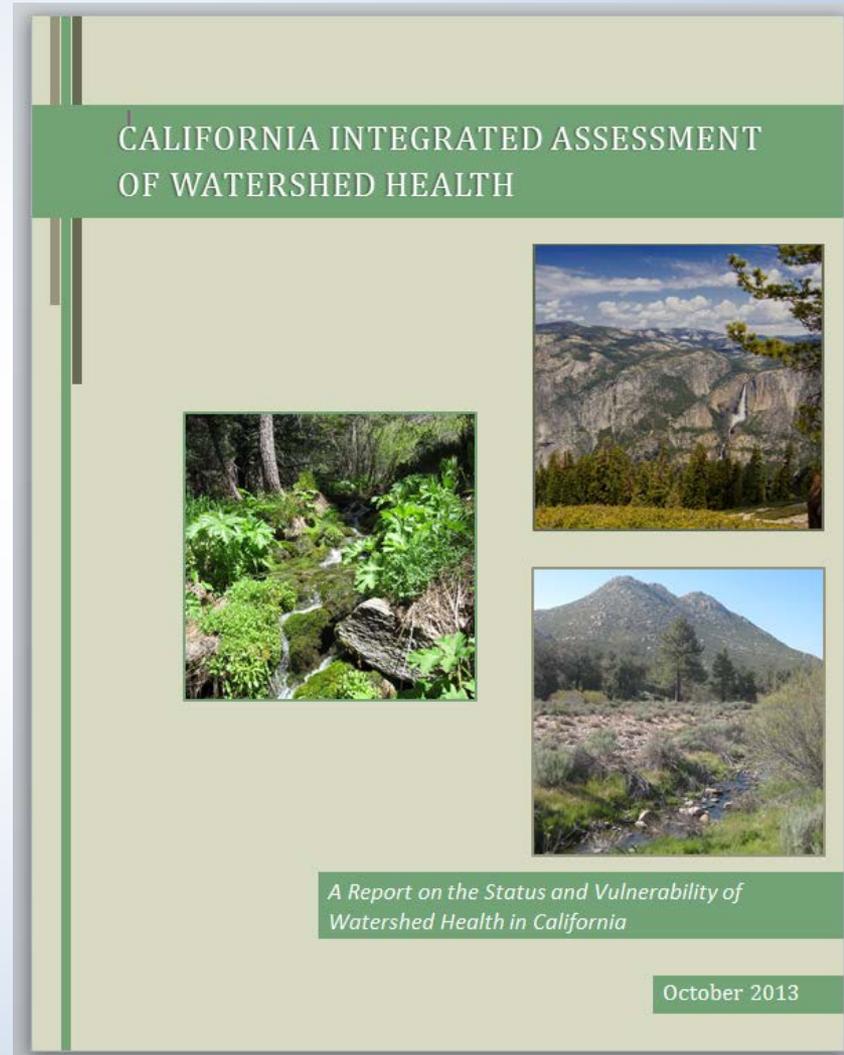
# Relative Watershed Vulnerability Index



- Projected Change in:
- Precipitation
  - Mean Temperature
  - Minimum Temperature
  - Maximum Temperature
  - Baseflow
  - Snowpack
  - Wildfire Severity
  - Surface Runoff
- Projected Land Cover Change
- Current Water Demand
- Fire Regime Condition Class

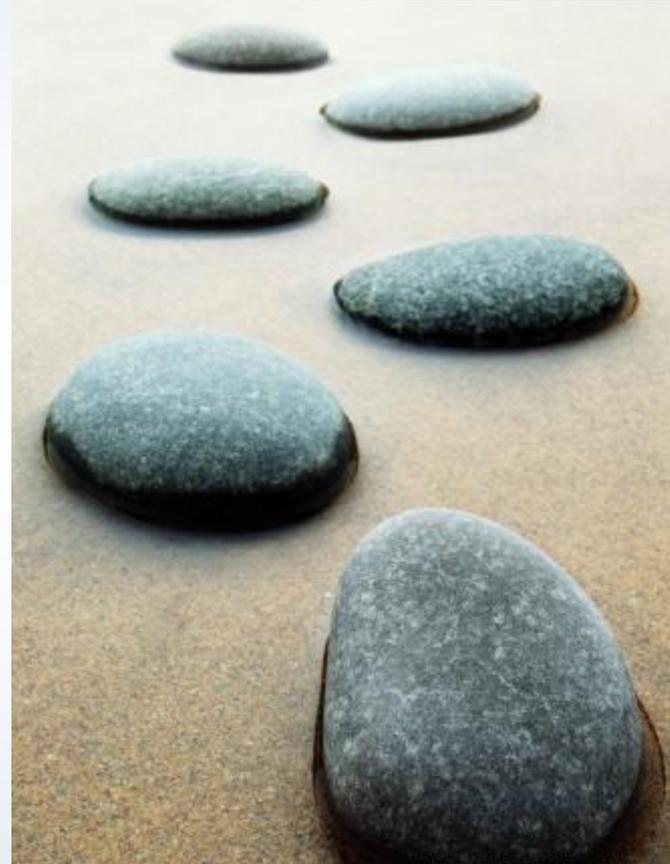
# Final Report

- Available on HSP website.
- Assessment data available.



# Next Steps

- Communicate Results
  - Healthy Streams Portal
  - Watershed Report Cards
  - Technical tools
- Support management actions to protect and restore watersheds
  - Integrated Report
  - Restoration grants
  - Policies and plans
- Build on existing framework
  - Continue to refine assessments
- Collaborate with similar efforts



# ***Healthy Streams Partnership***

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

# ***Healthy Streams Portal***

[http://www.mywaterquality.ca.gov/eco\\_health/streams/](http://www.mywaterquality.ca.gov/eco_health/streams/)

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