Sustainable Conservation

California State Board of Food and Agriculture

January 8, 2013
Sacramento, CA

Sustainable Conservation

Since 1993, **Sustainable Conservation** has partnered with the private sector to find environmental solutions that make business sense.

Our healthy climate, clean air and water, and abundant wildlife initiatives produce lasting benefits for California.

Eureka
Redding
Sacramento
San Francisco
Fresno
Monterey
Bakersfield
Barstow
Los Angeles
Brawley
San Diego
Private Land
Public/Protected Land

We work extensively with **California agriculture**:

- Industries
- Regions
- Leopold Conservation Award

LEOPOLD CONSERVATION AWARD

PRESENTED BY SAND COUNTY FOUNDATION

Craig McNamara
2007 winner

Dino Giacomazzi
2012 winner

- We have partnered with California dairy farmers for over a decade.

• PlantRight

Sacramento River
San Joaquin River
PAJARO RIVER WATERSHED
KINGS RIVER WATERSHED
SALINAS RIVER WATERSHED
(PROPOSED EXPANSION)

- Partners in Restoration (PIR)

U. S. Fish and Wildlife Service

NOAA Fisheries Service

ESA - Section 7

U. S. Army Corps of Engineers

U.S. EPA

CWA - 404 Permit

Central Valley Flood Protection Board

Flood Encroachment Permit

CA Dept. of Fish and Game

Lake and Streambed Alteration Agreement

CESA

County

Grading and Encroachment Permits

CEQA

California Coastal Commission

Coastal Act Review

Regional Water Quality Control Board

401 WQ Certification Porter Cologne Act

- landowners
- regulatory agencies

one-stop-shop
permitting

10 26 '95

Implemented
In development

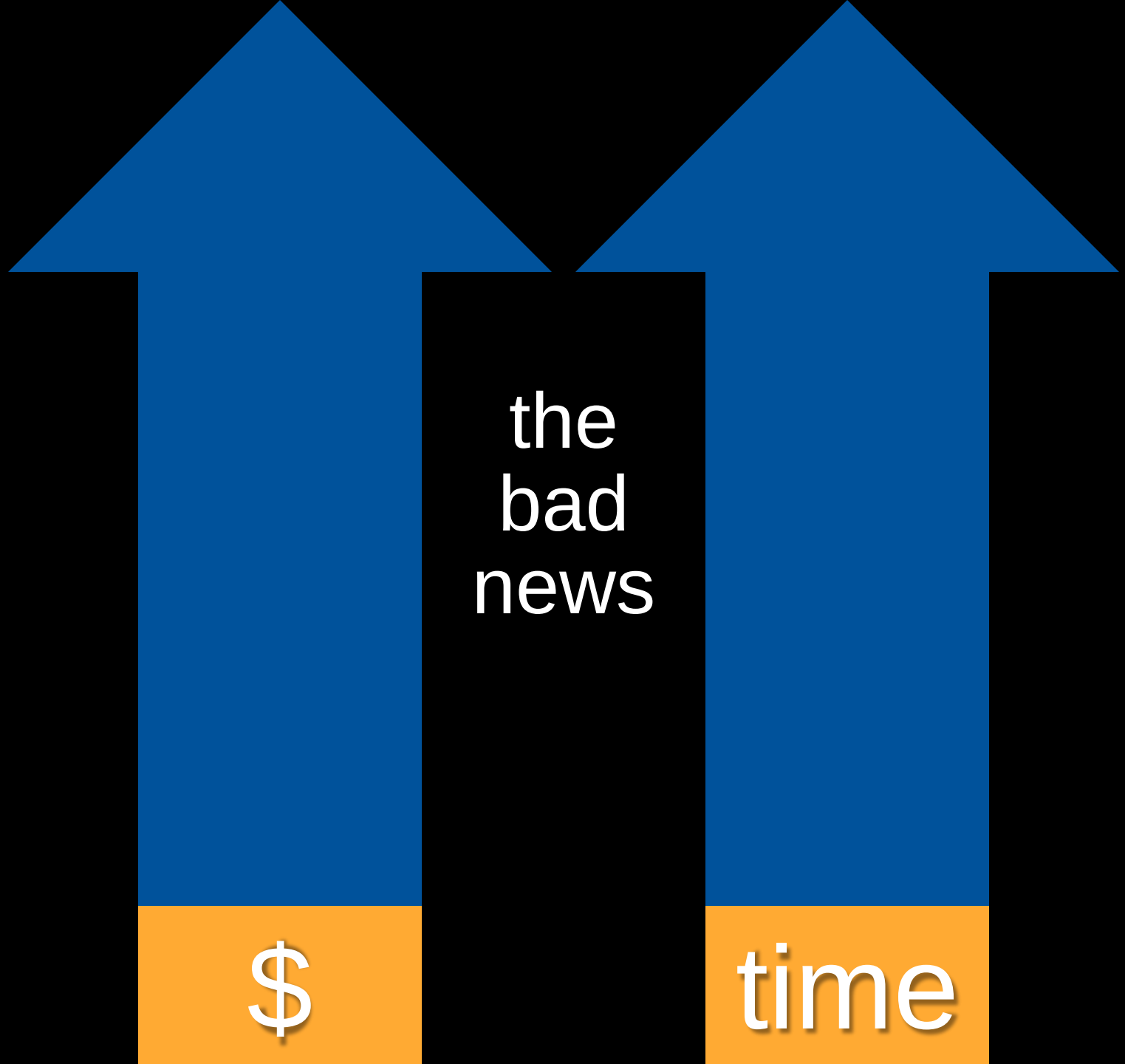
PIR 1998-2010 |
Program Implementation

- 227 projects implemented in 13 years
- 200,000+ tons of soil loss prevented
- Implementation: 1→5 projects/year
- Measureable benefits to salmonids and bird species

Powerhouse PIR Program

RCD of Santa Cruz County

- 4 years of implementation,
  46 projects constructed (11.5/yr)
- 20 stream miles enhanced and
  14,000 tons of sedimentation prevented
- More than $4.5M has been
  leveraged for PIR projects


the
bad
news
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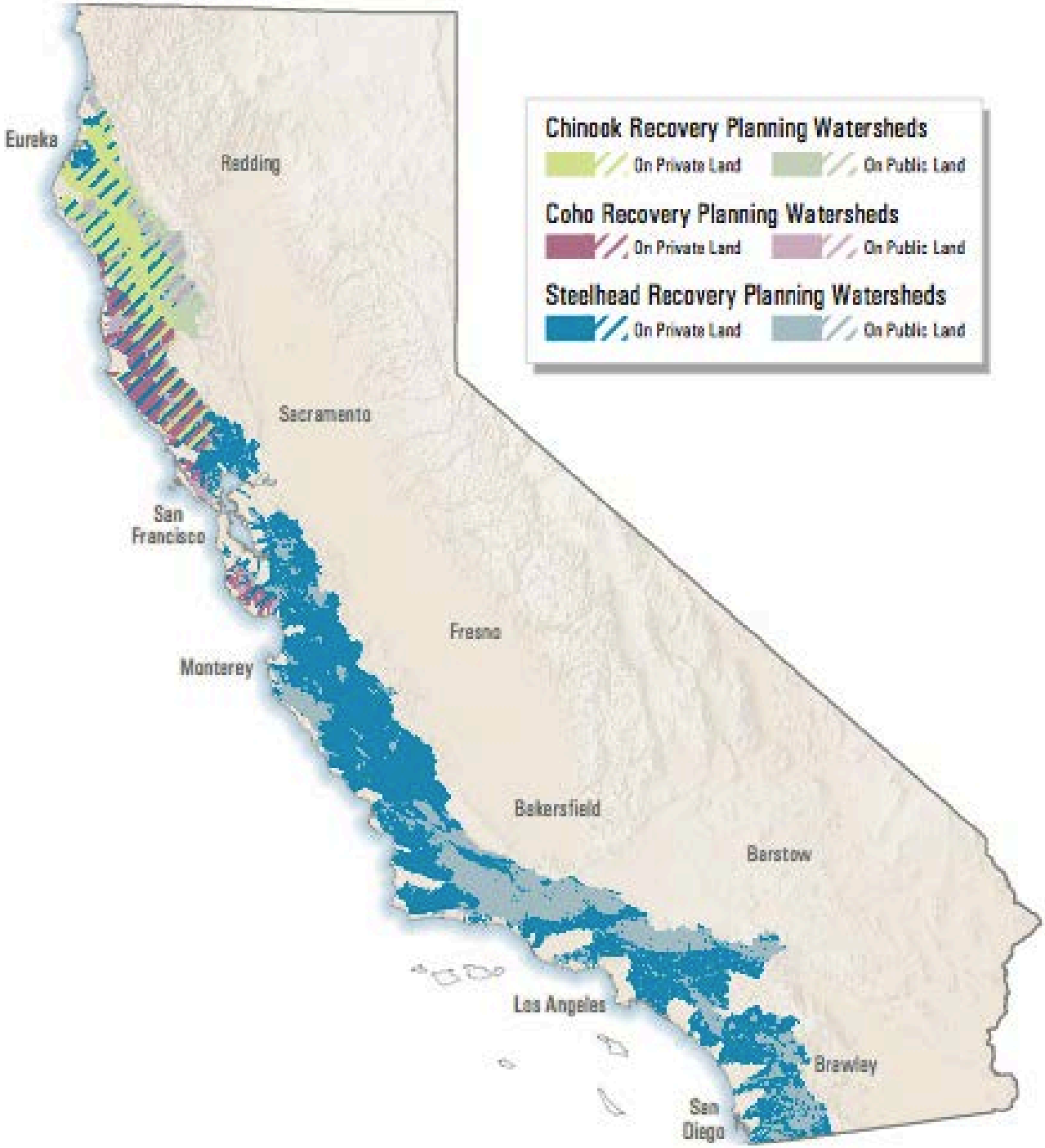
time

Map
Medford
Klamath Falls
Brookings
Yreka
Crescent City
Altunas
Mt Shasta
Winnemucca
Elko
Eureka
Redding
Fortuna
Battle Mountain
Susanville
Mendocino National Forest
Nevada
Reno
Chico
Yuba City
Carson City
Santa Rosa
Davis
Sacramento
Petaluma
Concord
Stockton
San Francisco
Modesto
Fremont
San Jose
California
Santa Cruz
Madera
Inyo National Forest
Salinas
Fresno
Death Valley National Park
Las Vegas
Visalia
Porterville
San Luis Obispo
Bakersfield
Bullhead City
Santa Maria
Lompoc
Santa Barbara
Santa Clarita
Victorville
Havasu
Los Angeles
Riverside
Hemet
Long Beach
Temecula
Oceanside
El Cajon
Mexicali
Tijuana
Tecate
San Luis R


Chinook Recovery Planning Watersheds
On Private Land
On Public Land
Coho Recovery Planning Watersheds
On Private Land
On Public Land
Steelhead Recovery Planning Watersheds
On Private Land
On Public Land
Eureka
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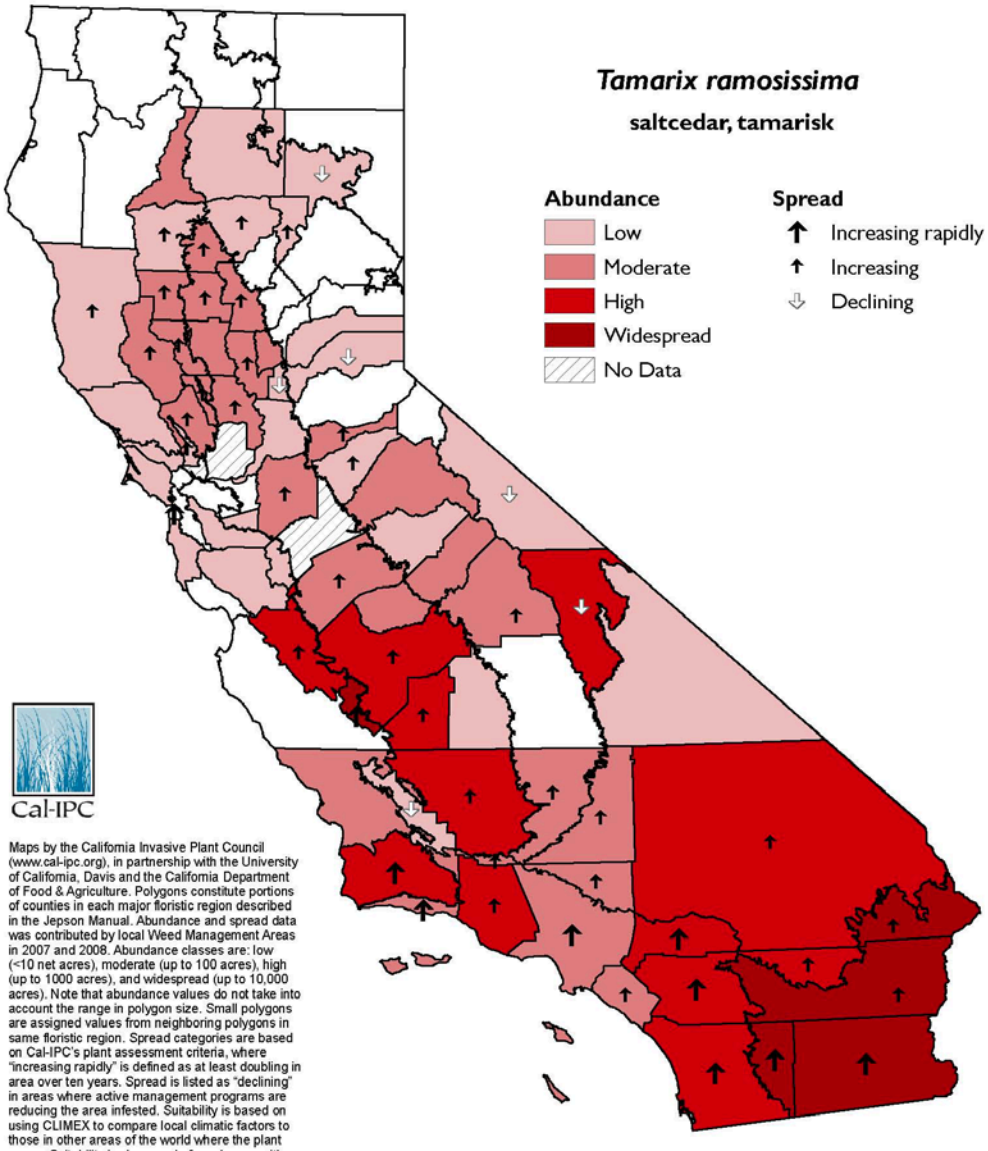
Assessing Risk of Invasive Plant Spread

Abundance and Spread



Cal-IPC

Maps by the California Invasive Plant Council (www.cal-ipc.org), in partnership with the University of California, Davis and the California Department of Food & Agriculture. Polygons constitute portions of counties in each major floristic region described in the Jepson Manual. Abundance and spread data was contributed by local Weed Management Areas in 2007 and 2008. Abundance classes are: low (<10 net acres), moderate (up to 100 acres), high (up to 1000 acres), and widespread (up to 10,000 acres). Note that abundance values do not take into account the range in polygon size. Small polygons are assigned values from neighboring polygons in same floristic region. Spread categories are based on Cal-IPC's plant assessment criteria, where "increasing rapidly" is defined as at least doubling in area over ten years. Spread is listed as "declining" in areas where active management programs are reducing the area infested. Suitability is based on using CLIMEX to compare local climatic factors to those in other areas of the world where the plant grows. Suitability is shown only for polygons with no known presence.

Thank you!

Sustainable Conservation

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