

Integrated Coastal Watershed Management Plans: Action for Ocean Water Quality Protection

**City of San Diego
City of Trinidad**

**City of Newport Beach
Coastkeeper**

**Mattole Restoration Council
Tomales Bay Watershed Council**

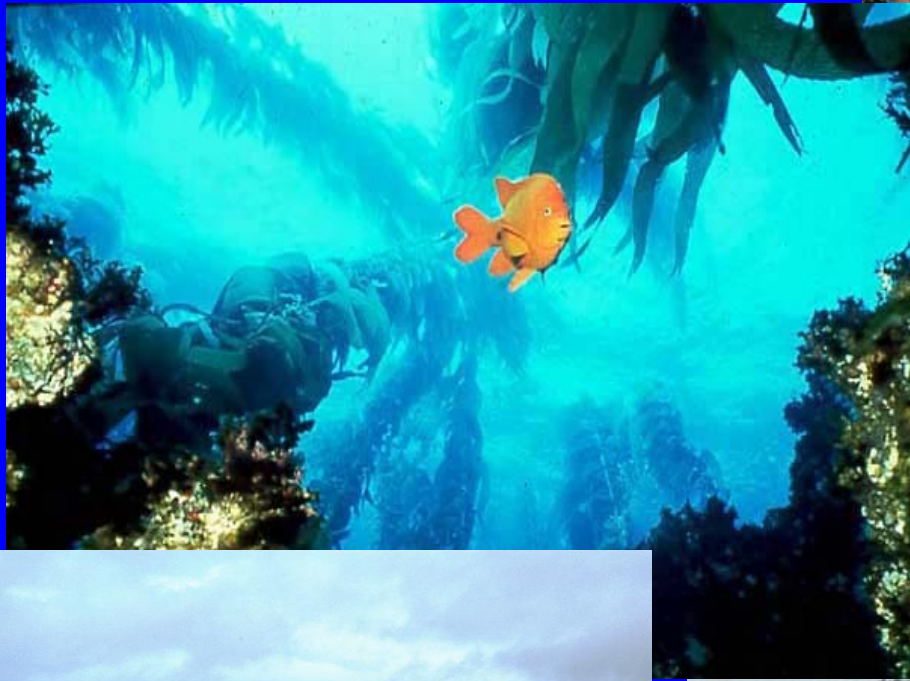
Scripps Institution of Oceanography/UCSD

March 20, 2007

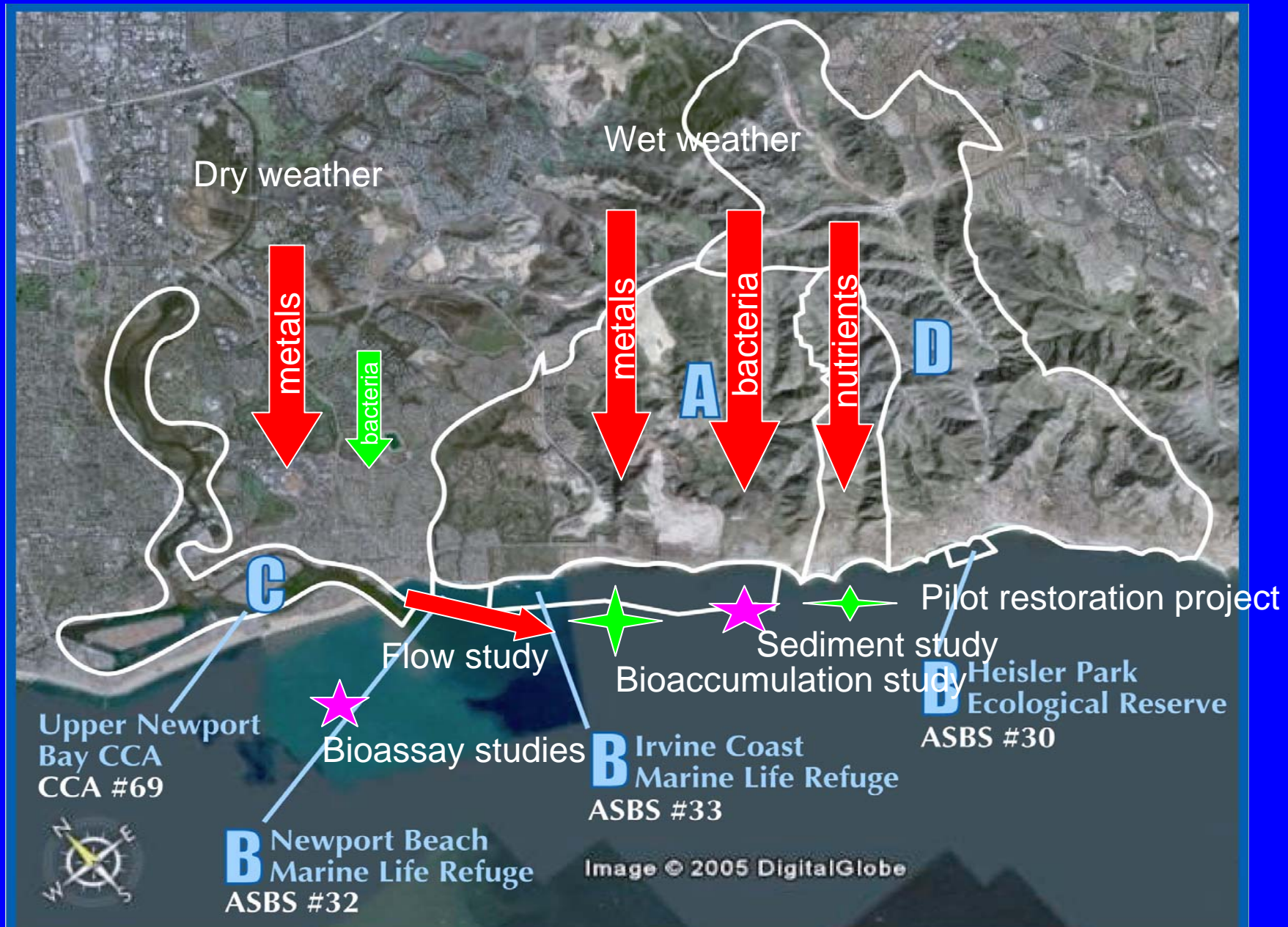
King Range ASBS, Humboldt County, (inset: storm runoff)



Newport Beach, La Jolla, Beach Impact Assessment, and Southern California Kelp Forest



Watershed Inputs at Newport Beach



Bioaccumulation Study at Scripps Institution, La Jolla



Coastal Watershed & Wetlands Water Quality Monitoring

Tomales Bay Wetlands Restoration and Monitoring Program
Water Sampling Locations in Tomales Bay Watershed



Public Participation, Mattole River Watershed, Humboldt County



ICWMP Implementation Benefits

- Reduced Urban Run-off via Watershed Management Projects
- Reducing Human Health Risks from Bacterial Contamination
- Implementation of TMDLs for Sediment, Water Temperature, Bacteria
- Robust Project Effectiveness and Ocean Water Quality Monitoring in ASBSs statewide
- Integration of multiple State objectives: MLPAs, Ocean Plan, TMDLs, Ocean Protection Council Goals and Objectives
- Public Participation and Outreach, Watershed Partnerships

ICWMP Monitoring & Data Sharing

- ASBS Information Management System Development
- Coast-wide collaboration, model projects, ASBS Water Quality Manual, and effectiveness report to SWRCB
- Creation of an ASBS Protection Manual to help communities meet Ocean Plan discharge prohibitions, and improve coastal water quality
- Joint report to the State Water Resources Control Board on ICWM implementation results and impact
- Project oversight by Scripps Institution and Dr. Steve Murray, CSU-Fullerton



Left: So. Cal. marine indicator species, **Right:** Trinidad Head bacterial monitoring sites



SWRCB Action Needed to Implement Integrated Coastal Watershed Management Plans

- Support staff recommendation to allocate Prop. 50, Chapter 8 funds towards the implementation of ICWM plans
- Direct staff to create ICWM-specific guidelines for the release of these funds to eligible entities.
- Support coast-wide collaboration of ICWM planning groups via annual working group meetings, creation of an ASBS Protection Manual.

