

# BIGHT'13 PLANNING

- **The Bight program will have a kick-off meeting on September 24**
  - SCCWRP presents our ideas for focal point questions
  - Look for what resonates with potential partners from the larger community
- **We have already begun working with CTAG to develop initial ideas to present at that meeting**
  - Several new ideas that I am about to share with you
- **Please note our cautiousness**
  - The survey has doubled in size every year
  - The Bight program is one of our most productive projects, but it is now consuming about 40% of our internal resources

# SEDIMENT CONTAMINATION

- **Our core question remains the same**
  - What percent of area in the Bight do we see contamination effects?
- **Strata**
  - Marine Protected Areas vs. non-MPA
  - Deep ocean impacts
- **More emphasis on emerging contaminants**
  - Building off of the recent CEC report
- **Implementation of new technology**
  - Bioanalytical screening
  - Genetic barcoding

# OFFSHORE WATER QUALITY

- **Two important questions remain from Bight '08**
  - What is the role of anthropogenic contributions to primary productivity?
  - Has primary productivity changed with time?
- **The first question requires a model-based answer**
  - Bight '13 effort will focus on data collection to support model development and validation
  - Will require close coordination with SCCOOS
- **The second question involves sediment cores to evaluate long-term trends**
  - Diatoms density and species composition tells us about phytoplankton history at a site

# ROCKY REEF

- **The primary question is obvious**
  - Marine Protected Area vs. non-MPA
- **We also need to develop assessment tools**
  - Quantitative Rocky Reef Index
- **Marine Monitoring Enterprise has expressed interest in working closely with us on this**
  - They have even talked about detailing one of their staff at SCCWRP to facilitate this collaboration

# WE WILL PROPOSE TO PUT THREE ELEMENTS ON HIATUS IN 2013

- **ASBS**

- This has basically grown into a statewide regulatory program
- It now has its own management structure

- **Estuarine eutrophication**

- Bightwide estuarine eutrophication has now been characterized
- Remaining questions are focused on process studies that required intense measurements in a limited number of systems

- **Shoreline microbiology**

- We don't have new questions for microbiology
- The resources to address regional questions is lacking
- Public Health Departments are becoming skin and bones

# POTENTIAL NEW ELEMENTS

- **Marine debris**
  - Provide baseline for the increasing number of management actions
  - Several possible habitats to sample
- **Shore bird contamination**
  - Have already looked at midwater fish, bottom fish and bait fish
- **Dependent on identifying new partners to help us**

# SCHEDULE FOR BIGHT '13

- **September 24: Kickoff meeting to invite outside participation**
- **December: Finalize monitoring questions and conceptual design**
- **April: Complete sample draw and sampling logistics**
- **May: Finalize supporting documents**
  - Workplan
  - Field manuals
  - QA Plan
- **June: Complete QA exercises**
- **July: Initiate sampling**