



OCEAN PROTECTION COUNCIL

# Current Objectives

- **Objective 1: Enforce Pollution Controls**
- **Objective 2: Innovation**
- **Objective 3: Once-through Cooling**
- **Objective 4: Water Quality Testing**
- **Objective 5: Marine Debris**
- **Objective 6: Vessel Pollution**

# Data and Monitoring

*Done largely in conjunction with NOAA and work with the Sea Grant Program at the University of Southern California*

# USC Sea Grant

## Water Quality Research Projects

- Contaminant Stressor Response in *Mytilus*
- High Resolution Remote Sensing of Coastal Discharge Plumes
- Maternal offloading of Accumulated Organochlorine Contaminants
- Evaluating the Impact of the Clean Water Act on Coastal Waters
- Impacts of Algal Toxin on Species Composition of Coastal Plankton Communities

- Environmental Endocrine Disruption in Urban Ocean Fish Mechanisms, Causes, Wider Impacts
- Proteomics To Develop Relevant Phenotypic Biomarkers Of Environmental Impacts In Wild Marine Fishes Of Southern California
- Quantifying Contaminants of Emerging Concern
- The Copper Problem in California Marinas
- Impacts of Algal Toxin on Species Composition of Coastal Plankton Communities
- The Effects Of Urban Stormwater Runoff On Phytoplankton Dynamics In Santa Monica Bay

# ***Outreach on Water Quality***

- Coordinator of the California Water and Land Use Partnership (CA WaLUP)
  - *The mission of CA WALUP is to protect natural resources by providing technical information and practical tools for informed land use decision-making at the local level.*
- Sponsor and/or organize workshops on hydromodification and low impact development

# Partnerships

- Southern California Coastal Water Research Project (SCCWRP)
- National Nonpoint Education for Municipal Officials (NEMO) Network
- Los Angeles And San Gabriel Watershed Council
- California Coastal Commission
- City of Los Angeles

# ***Water Quality Data Needs***

- Reliable and timely WQ data for development of outreach materials for public on health of coastal waters
- Ability to link researchers with reliable water quality monitoring data for research and modeling efforts



# *White House Executive Order*

*July 19, 2020*

Work with the newly established National Ocean Council to implement the items outlined in President Obama's Executive Order:

***“Stewardship of the Ocean, our Coasts, and the Great Lakes”***