Bight Program Overview

- **Occurs about every 5 years**
  - 1994, 1998, 2003, 2008

- **Covers many habitats**
  - Water column, sediments, rocky reefs, estuaries, marine protected areas, shorelines

- **Questions have consistently focused on extent and magnitude, trends**
  - Additional specialty questions

What Makes Bight Different?

- **Coordinated, integrated monitoring**
  - Cost neutral effort spread across more than 100 participating organizations

- **Outcomes frequently result in a change of management activities**

- **Efforts to leverage special studies**
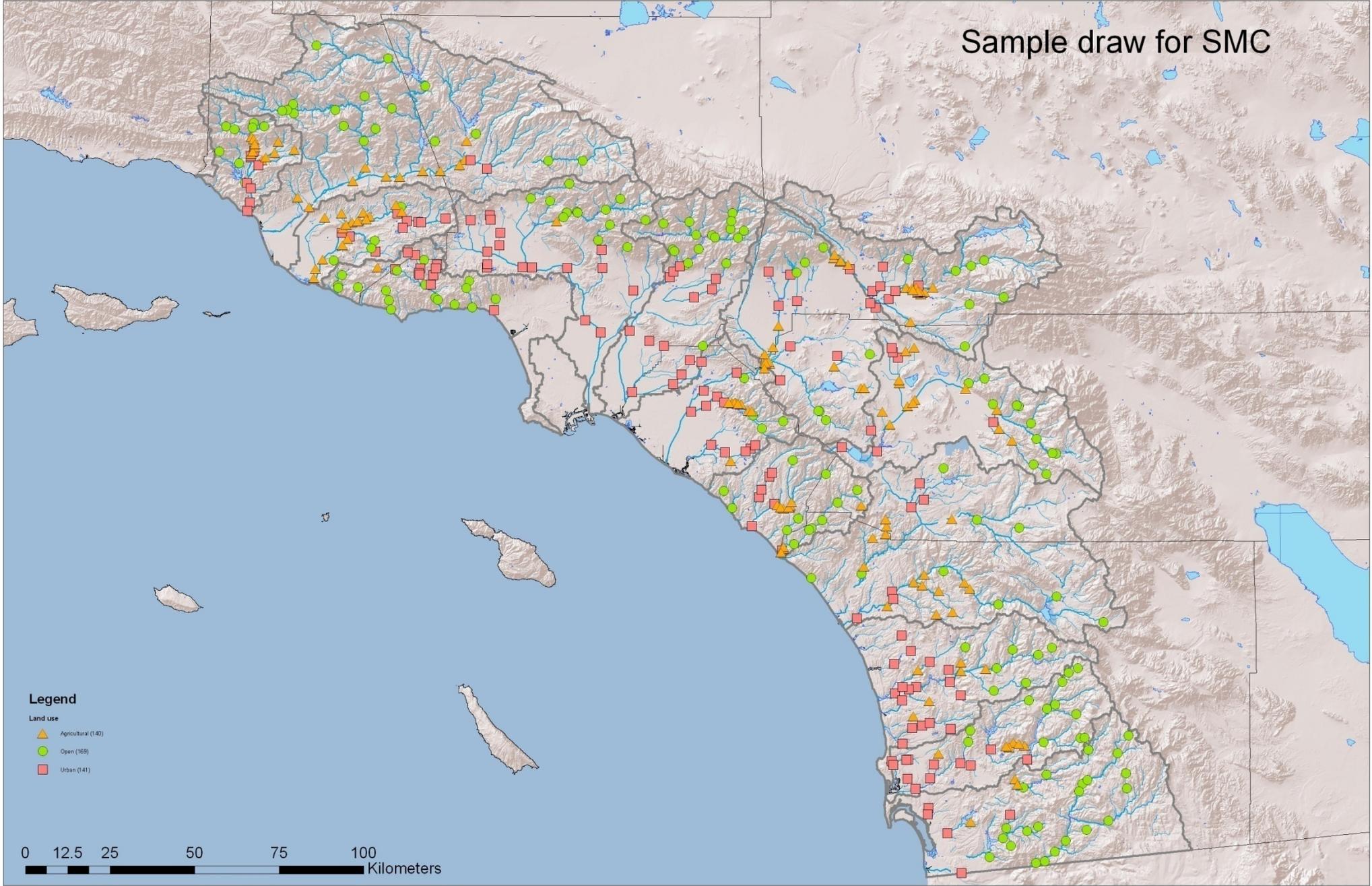 - More than 2 dozen studies incorporating over four dozen researchers

Value of the Bight Program

- Regional reference condition
- Context for assessing impact
- Hot spot identification
- Assessment tool development
- Training and expertise
- Standardization and quality assurance
- Opportunity for non-permit exploration
- Interaction with regulatory/regulated counterparts
- Scientific consensus

Regional Stream Monitoring

- **Area incorporates the Stormwater Monitoring Coalition (SMC)**
  - 15 watersheds, over 1,300 km of stream miles

- **Addresses questions regarding extent and magnitude, trends**
  - 20% of sites, but every year

- **Additional question on causes of impacts**
  - Relative risk of various stressors

Sample draw for SMC

Legend

Land use

△ Agricultural (140)

● Open (169)

■ Urban (141)

0   12.5   25   50   75   100
Kilometers

SMC Utilizes Many of the Positive Bight Attributes

- **Collaborative, integrated participation**
  - **Successful illustration of SWAMP/NPDES leveraging**

- **Multiple habitats and indicators**

- **Management focus**
  - **Add on special studies**

- **Communication is key**
  - **Helps link many watershed specific programs**

Fresh and Marine Regional Monitoring Data

- **SCCWRP has been the repository for much of the regional monitoring data**
  - Helped develop many of the original data submittal portal techniques

- **SCCWRP has always made the data available to the public**

- **SCCWRP is also the Regional Data Center for CEDEN**
  - Much of the data is being uploaded

CWQMC Questions

- **What caused the coordination to occur?**

- **Why has it been successful?**

- **Has the coordination resulted in beneficial tools?**

- **Would a tool like the CVMD be useful?**

- **How are the data managed and made available?**

  - **How are the portals fitting into your program?**

  - **What agency data are being integrated?**

- **What are the measures of success?**

- **What do you need from the Monitoring Council?**