

#### THE URBAN OCEAN PROGRAM

# 2016 Impacts — Science Serving Urban Coasts

The Sea Grant Program at the University of Southern California integrates research, education, and outreach with a specific focus on the 'urban ocean' and the issues arising out of managing people and natural resources in an intensely developed coastline. We connect science to local communities to solve our most pressing urban ocean problems. We advance scientific literacy and education among urban residents.



\$340,480

Value provided by USC Sea **Grant trainings and workshops** 



14,000

Workshop and conference participants



29,965

K-12 students reached by USC Sea Grant education programs

## **Resilient Communities: Coastal Hazard Planning**



**Communities implemented** hazard resiliency practices

2,610



Participants in coastal adaptation trainings; 95 hours of workshops 10,000+



People viewed virtual reality installations showing impacts of sea level rise

### **Funding: Research to Application**



Acres of coastal habitat protected, enhanced or restored

Wetland systems evaluated for vulnerability to sea level rise: 18 agencies are using results

50+ 9*8* 



Coastal locations found with a large number of potentially toxic species of cyanobacteria

### **Environmental Literacy: Advancing Urban Education**

\$86,940 \( \\$



Value provided by USC Sea **Grant trainings for educators**  1,080



**Educators participated in** trainings and workshops



Community based science programs led by USC Sea Grant