



## **Planning for Climate Change: Coastal Adaptation in the San Diego Region**

**Friday, May 14<sup>th</sup>, 2010**

*Tijuana River National Estuarine Research Reserve Training Center*  
301 Caspian Way  
Imperial Beach, CA 91932

*Developed in partnership with*



**NOAA Coastal Services Center**  
LINKING PEOPLE, INFORMATION, AND TECHNOLOGY

**8:30 – 9:00 AM REGISTRATION**

**9:00 – 9:10 AM WELCOME AND OVERVIEW**

Kristen Goodrich, Coastal Training Program Coordinator, TRNERR

**9:10 – 9:25 AM WELCOMING REMARKS AND CALL TO ACTION**

Scott Peters, Chair, San Diego Foundation Climate Initiative & Port of San Diego Commissioner

**9:25 – 9:45 AM SUMMARY OF CA STATE CLIMATE CHANGE ACTION INITIATIVE & ADAPTATION STRATEGY**

*Outlining the climate change policy context in California; early action deliverables*

Dr. Amber Mace, Executive Director, California Ocean Protection Council

**9:45 – 10:30 AM THE SUPPORTING CLIMATE CHANGE SCIENCE, IMPLICATIONS FOR LOCAL PLANNING REGULATIONS, AND COASTAL IMPACTS IN SAN DIEGO**

*The state of the science and sea level rise modeling; multiple lines of evidence and local implications*

Dr. David Pierce, Scripps Institute of Oceanography

Dr. Emily Young, Senior Director of Environment Analysis & Strategy, San Diego Foundation

**10:30 – 10:45 AM Q&A/ DISCUSSION OF MORNING SCIENCE PRESENTATIONS**

Kristen Goodrich, Coastal Training Program Coordinator, TRNERR

(10:45 – 11:00 AM) (BREAK)

**11:00 AM – 12:30 PM FUNDAMENTAL CONCEPTS IN PLANNING FOR CLIMATE CHANGE**

*Principles and process of adaptation planning (includes mitigation and disaster preparedness)*

Missy Stults, Adaptation Manager, ICLEI-Local Governments for Sustainability

Sandy Eslinger, Coastal Hazards Specialist, NOAA Coastal Services Center

(12:30 – 1:15 PM) (LUNCH)

**1:15 – 1:45 PM SYNTHESIS OF ADAPTATION OPTIONS: MANAGING NATURAL RESOURCES**

*On-the-ground coastal adaptation approaches from a natural resource management perspective*

Kristen Goodrich, Coastal Training Program Coordinator, TRNERR

Dr. Amber Pairis, Climate Change Advisor, California Department of Fish and Game

**1:45 – 2:30 PM TECHNICAL TOOLS AND RESOURCES**

*How to conduct a vulnerability assessment; sources of information, tools, data*

Sandy Eslinger, Coastal Hazards Specialist, NOAA Coastal Services Center

2:30 – 3:30 PM **PANEL: ADDRESSING BARRIERS TO ADAPTATION AND COMMUNITY ENGAGEMENT**  
*Strategies for adaptive planning; engaging the public and elected officials in the process; case studies from local communities*

Dr. Susanne Moser, Director, Susanne Moser Research & Consulting  
Bill Anderson, Director, City Planning & Community Investment, City of San Diego  
Michelle White, Senior Environmental Specialist, Port of San Diego

(3:30 – 3:45 PM) (BREAK)

3:45 – 4:45 PM **WORKSHOP EXERCISE: IDENTIFYING VULNERABILITIES IN YOUR COMMUNITY**  
*Tools for local implementation*

Brendan Reed, City of Chula Vista Climate Change Working Group

4:45 – 5:00 PM **CLOSING REMARKS AND NEXT STEPS**

Scott Peters, Chair, San Diego Foundation Climate Initiative & Port of San Diego Commissioner

5:00 – 6:30PM **RECEPTION IN TRNERR AMPHITHEATER**

**“PLANNING FOR CLIMATE CHANGE”** was developed by the National Estuarine Research Reserve (NERR) System through its Coastal Training Program (CTP). The workshop was piloted in two locations in March 2009 in Washington State. It was geared primarily toward shoreline planners, and was developed so that Reserves around the country could customize the workshop and use it as part of their educational efforts regarding climate change. While the workshop lays a foundation in science, it primarily focuses on actions that can be taken to prepare and adapt to the anticipated impacts of climate change.

**SAN DIEGO** is uniquely poised to be a leader in climate change adaptation in Southern California. In response to the need for enhanced collaboration, information, tools, and resources in this area, “Planning for Climate Change” was localized in partnership with the San Diego Foundation, ICLEI, and NOAA’s Coastal Services Center. The local workshop was informed by The San Diego Foundation’s Regional Focus 2050 Study, which is intended to provide key decision-makers science-based assessments of climate change impacts, and by ICLEI’s national expertise in adaptation planning. This workshop will be the first of many modules to use lessons learned to bring outcome-based results.

2050 Study: [www.sdfoundation.org/communityimpact/environment/Initiative-focus2050.html](http://www.sdfoundation.org/communityimpact/environment/Initiative-focus2050.html)

ICLEI Adaptation: [www.iclei.org/programs/climate/Climate\\_Adaptation/adaptation](http://www.iclei.org/programs/climate/Climate_Adaptation/adaptation)

The **TIJUANA ESTUARY** sets the backdrop of a fragile, yet resilient ecosystem that faces the ecological consequences of climate change in our region. CA State Parks, recognizing this, launched their Climate Change Initiative “Cool Parks” which focuses on modification of resource management and restoration policies and practices to help ensure that the species and habitats we protect can successfully adapt. Visit us at: [www.tijuanaestuary.org](http://www.tijuanaestuary.org)

*The Tijuana River National Estuarine Research Reserve (TRNERR) is a partnership between the National Oceanic and Atmospheric Administration, California State Parks, and the Southwest Wetlands Interpretive Association.*

