

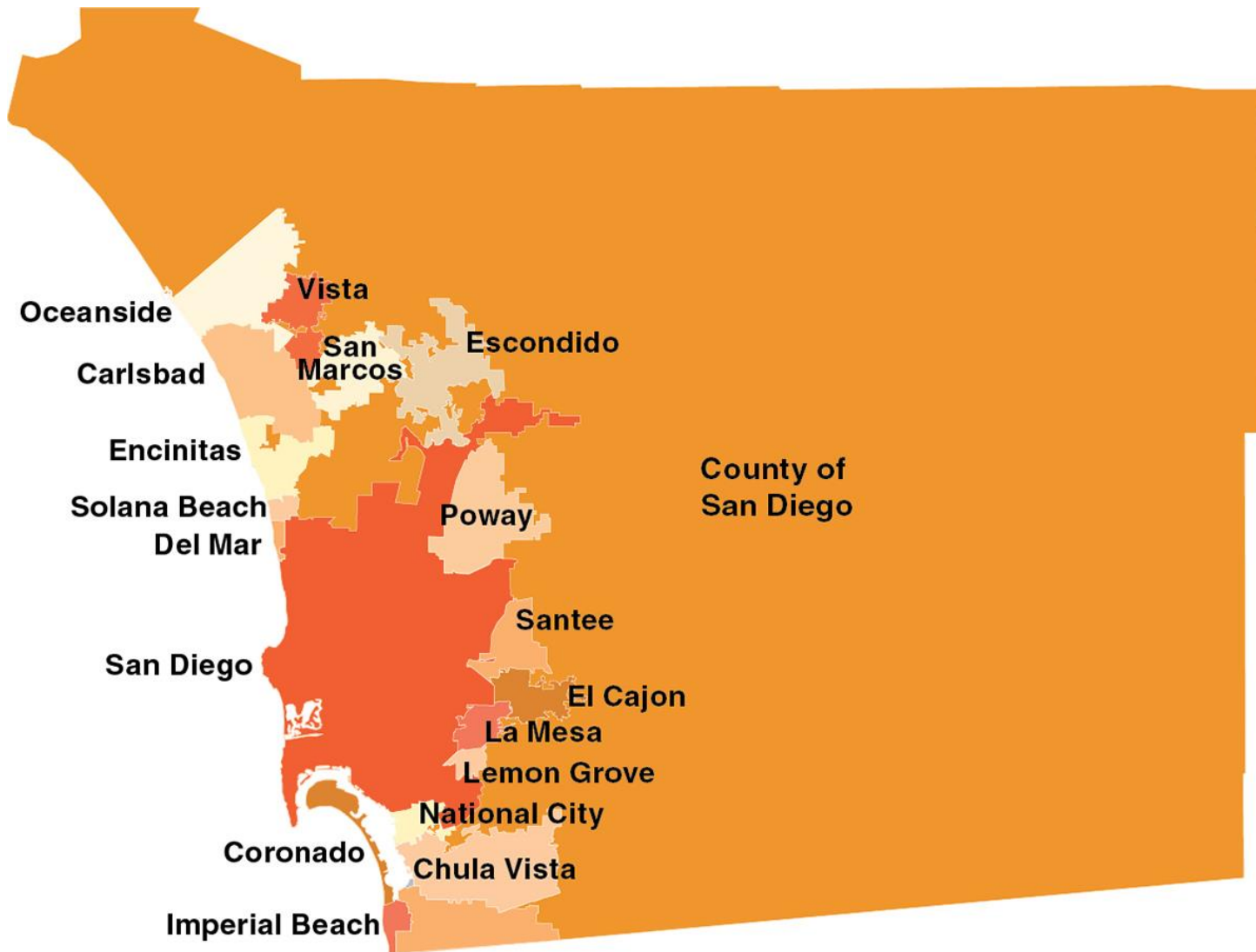
# METROPOLITAN PLANNING ORGANIZATIONS AT THE ADAPTATION TABLE

Allison Wood

Associate Regional Energy/Climate Planner, SANDAG

California Adaptation Forum – September 8, 2016

# SANDAG Jurisdictions



# Climate Change Impacts

## San Diego, 2050 Is Calling. HOW WILL WE ANSWER?



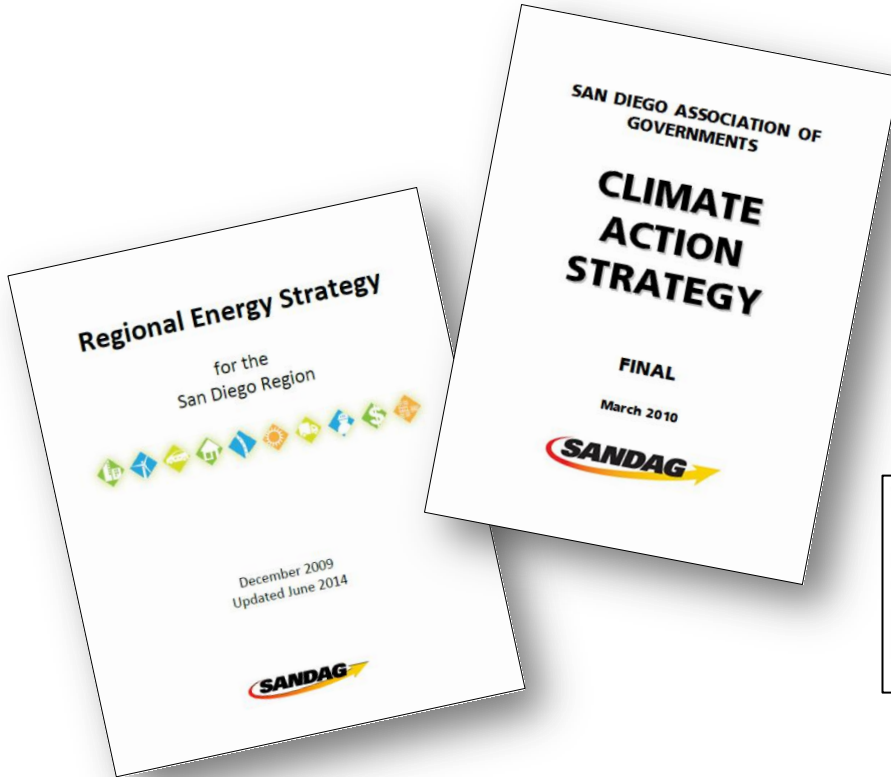
### FACING THE FUTURE:

How Science Can Help Prepare San Diego Regional Leaders for Climate Change

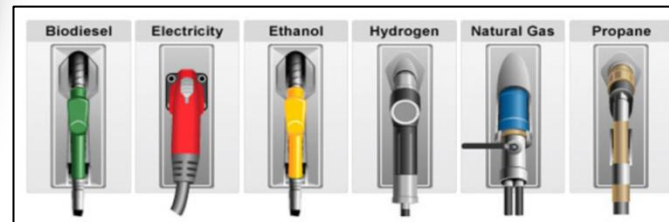
Temperature	+4.8° F in annual average temperature
Precipitation	16% fewer rainy days, and 8% more rainfall during the biggest rainstorms
Water Resources	12% decrease in the runoff and streamflow due to less snowpack and greater evaporation
Sea Level Rise	5 to 24 inches of sea level rise
Wildfires	Longer and less predictable fire season; larger and more catastrophic fires; and higher number of poor air quality days as a result.
Habitat	Threats to coastlines and beaches, wetlands, and unique plants and animals
Public Health	7 times as many days of extreme heat per year

[www.sandiego.edu/2050](http://www.sandiego.edu/2050)

# Regional Planning



refuel



San Diego Regional Alternative Fuel Coordinating Council

# Shoreline Management

- 2001 and 2012 Regional Beach Sand Projects
- Shoreline Monitoring Program
- Shoreline Preservation Working Group



# Carlsbad

Buena Vista Lagoon-North View



March 1998



2016/04/22

# Encinitas

Moonlight Beach-South View



March 1998



# Cardiff

Cardiff State Beach-South View



March 1998



2016/04/22

# Mission Beach

North View



March 1998



2016/04/22



*A network for public agencies that serve the San Diego region to share expertise, leverage resources, and advance comprehensive solutions to facilitate climate change planning.*

*By partnering with academia, non-profits, and businesses, we also work to raise the profile of regional leadership.*

**Advance  
Climate Planning**

**Demonstrate Local  
Leadership**

**Build Capacity in  
Public Agencies**

**[www.sdclimatecollaborative.org](http://www.sdclimatecollaborative.org)**

# Growing Collaborative Membership

**23 MEMBERS**

**10 CITIES**

**5 REGIONAL AGENCIES**

**3 UNIVERSITIES**

**3 NON-PROFITS**

**1 UTILITY**

**1 COMMUNITY FOUNDATION**



# Advance Climate Planning

## THE NETWORK

- Quarterly meetings of 40+ participants
- Facilitate peer-to-peer sharing
- Sea Level Rise Working Group

## TRAININGS

- Leverage key partnerships, regional data, and local expertise
- Bring climate adaptation to new audiences
- Targeted trainings for elected officials, planners, engineers, etc.

## ARCCA

- Alliance of Regional Collaboratives for Climate Adaptation
- Five collaboratives across California
- Represent regional/local interests at the state level

# Demonstrate Local Leadership



## CLIMATE LEADERSHIP AWARDS

2015 Innovative Partnerships  
Certificate Recipient

# Build Capacity for Local Government Action

- Hazard Mitigation Planning
- Green Infrastructure
- Energy Efficiency Programs
- Coastal Storms and Sea Level Rise



# NOAA Regional Coastal Resilience Grant



## Regional Coordination

- Sea Level Rise Working Group
- Scientific Advisory Committee

## Communication

- CoSMoS scenarios
- Sea Level Rise Toolkit



## Resilience strategies

- Case studies
- Legal and cost-benefit analyses



[www.resilientcoastlines.org](http://www.resilientcoastlines.org)

# Lessons Learned

Integrate  
Adaptation

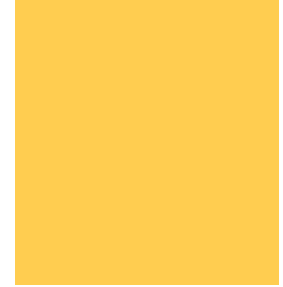
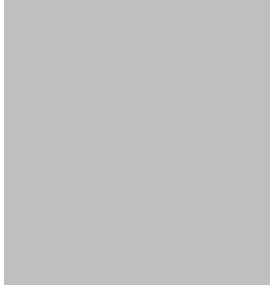
Partners are  
Key

Coordination  
Takes Effort

Communication

Local  
Jurisdictions  
Need Resources

Recognize  
Achievements



# THANK YOU!

Allison Wood

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[www.sandag.org/climate](http://www.sandag.org/climate)