Brian Holland: Director of Climate Programs, ICLEI
- Oversees the development of ICLEI's climate mitigation and climate adaptation programs
- Prior work addressed a broad spectrum of climate concerns- sea level rise adaptation, emissions inventories, climate action planning, transportation strategies, and carbon markets
- Lead Author on the forthcoming National Climate Assessment
- Leading the Resilient Communities for America Agreement campaign, to be launched in Summer 2013.

Scoping Out an Adaptation Process That's Right For Your Community
Our mission is to build, serve and drive a movement of local governments to advance deep reductions in greenhouse gas emissions and achieve tangible improvements in local sustainability.
The ICLEI Network

• Global network of 1,000+ local governments leading on climate change

• ICLEI USA – 400+ members, representing around 20% of U.S. population

• Increasing Focus on Resilience

  2012
  • San Diego Bay Sea Level Rise Adaptation Strategy
  • AdaptLA
  • Earth Hour City Challenge trainings / tools
  • City-Insurer Workshops
  • Resilient Communities for America Agreement
Getting Started with Climate Adaptation: Scoping Guide
Scoping – A Step Before the First Step

- **Milestone One**: Conduct Climate Vulnerability Assessment
- **Milestone Two**: Set Preparedness Goals
- **Milestone Three**: Develop Climate Preparedness Plan
- **Milestone Four**: Implement Preparedness Plan
- **Milestone Five**: Monitor & Re-evaluate Progress

**Leadership Commitment**
Scoping Guide: Help answering the Q’s:

• Should we create a new process, or tie into an existing one? *(hazard mitigation, land use planning, etc.)*

• Should we look at all climate risks to our community, or focus on a subset?

• What community assets or sectors should we include in our assessments and plans?

• What stakeholders and technical advisors should we involve?

• Should we focus on extreme events or incremental climate trends, or both?

• How could the following affect the scope of our adaptation work?
  - Data availability
  - Recent extreme events
  - Stakeholder input
Free Resources - Pacific Institute

Hazard Maps
Free Resources - CalAdapt

LOCAL CLIMATE SNAPSHOTs

Temperature
Projected changes in annual average temperatures for the low emissions scenario

Map data ©2013 Google, INEGI - Terms of Use
Free Resources - Pacific Institute

Sea-Level Rise Thematic Maps

Figure 16: Vulnerable Population (296 K)

Figure 19: Vulnerable Roadways (123 K)

Figure 20: Railroads (185 K)

Figure 21: Electric Power Plants, California (442 K)

Figure 22: Electric Power Plants, San Francisco Bay Area (384 K)

Figure 23: Electric Power Plants, Southern California (182 K)

Figure 24: Wastewater Treatment Plants, California (258 K)

Figure 25: Wastewater Treatment Plants, San Francisco Bay Area (273 K)

Figure 26: Existing coastal wetlands (306 K)

Figure 27: Viability of potential coastal wetland migration area, Northern California (157 K)

Figure 28: Viability of potential coastal wetland migration area, San Francisco (210 K)

Figure 29: Viability of potential coastal wetland migration area, Central California (130 K)
Initial Implementation

- **Grading Ordinance**
  Accommodate 50 yrs of SLR

- **Emergency Operations Plan**
  Extreme weather component

- **Shade Tree Policy**
  50% shade cover in parking lots

- **Housing Element (draft)**
  Resilient design & construction

- **Public Education & Outreach**
  Air quality alerts

Source: Brendan Reed, City of Chula Vista