

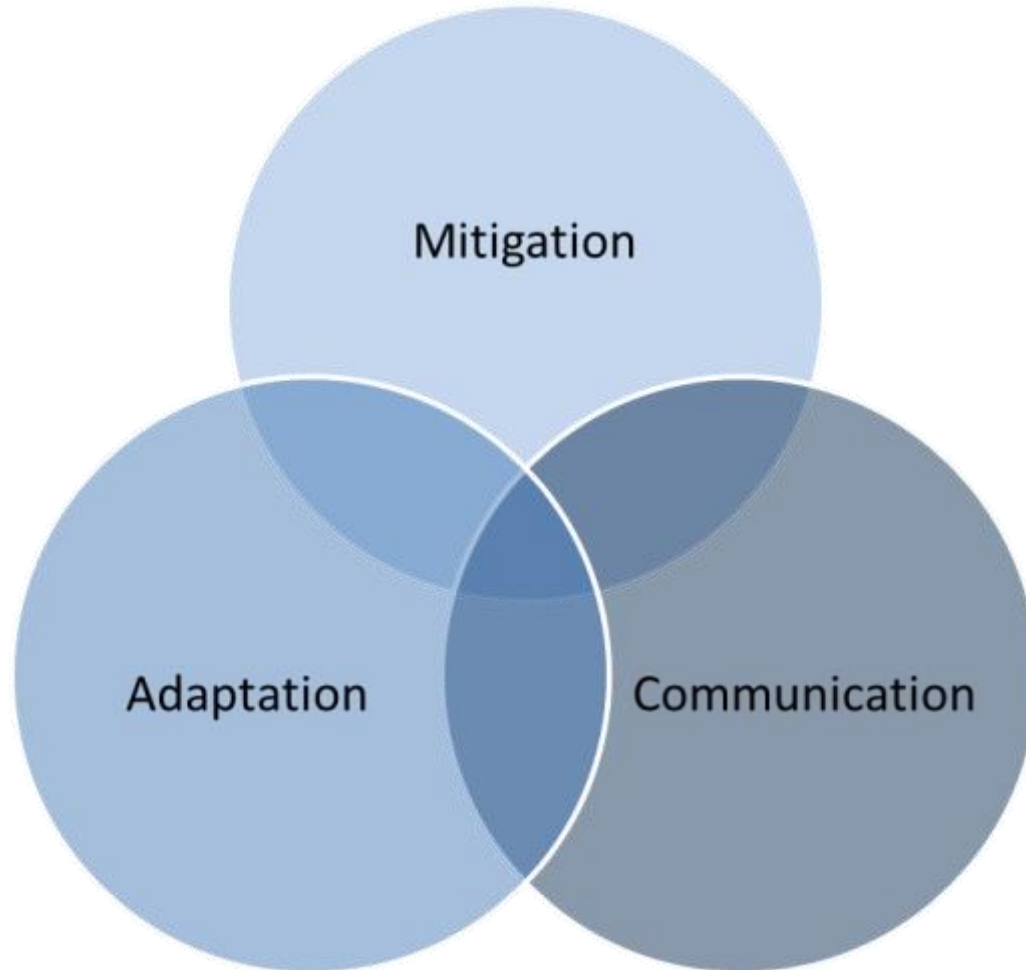
Climate & Health Workshop Series

Climate Change as it Relates to the Mission of Local Health Departments

Charlene Contreras, REHS
Environmental Health Division
Los Angeles County – Department of Public Health



Local Health Department Framework for Climate Change



Department of Public Health

Five Point Plan

Reduce health impacts of climate change while building healthy, sustainable and resilient communities

Goal 1: Inform the general public about the nature of climate change, its potential health effects, and the health-related benefits of reducing carbon emissions

Goal 2: Promote local planning, land-use, transportation, water, and energy policies that reduce carbon emissions, and support the design of healthy and sustainable communities

Goal 3: Provide guidance on climate preparedness to local government and community partners to reduce health risks and create more resilient communities

Goal 4: Build the capacity of DPH staff and programs to monitor health impacts, integrate climate preparedness and improve climate response

Goal 5: Adopt best management practices to reduce carbon emissions associated with DPH facilities and internal operations

Climate & Health Workshop Series



Human Health Frame

Environmental Effects

Primary

Secondary

Health Effects

Heat waves

Heat-related illness and death

Air pollution



Cardiovascular disease

Wildfires



Respiratory disease

 Extreme Weather



Flooding



Water- and Food-borne illness

Water pollution



Vector-borne illness

Drought



Injuries related to extreme weather

Core Topics (1-6)

- Mitigation vs. Adaption
- Vulnerable Populations
- Adaptive Management
- 10 things every PH professional should know
- Climate Change Communication
- Climate impacts to Los Angeles County

Specific Topics (7-16)

Health care systems

AIR POLLUTION

Alternate Water

Allergies and asthma

Coastal ecosystems

Policies and Regulations

Vector-borne Disease

Water Security

Food Security

HURRICANE SANDY

Workshop Materials

For each workshop, the following materials were developed:

- Flyer
- Recommended readings & resources
- PowerPoint presentation
- Instructions for brainstorming activity

Workshop Format

- **Lecture**
 - 20-25 minutes
 - Taught by graduate and doctoral students
 - Projected Impacts on Health in Los Angeles
 - Management and Policy Implications
- **Brainstorming session**
 - 45 minutes
 - Group breakout sessions
 - Facilitator
 - Produce ideas and strategies for climate action

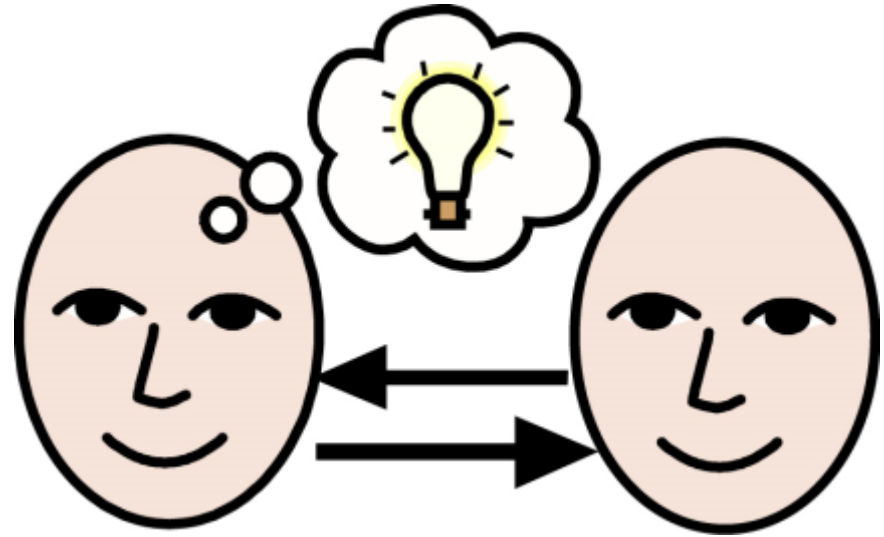
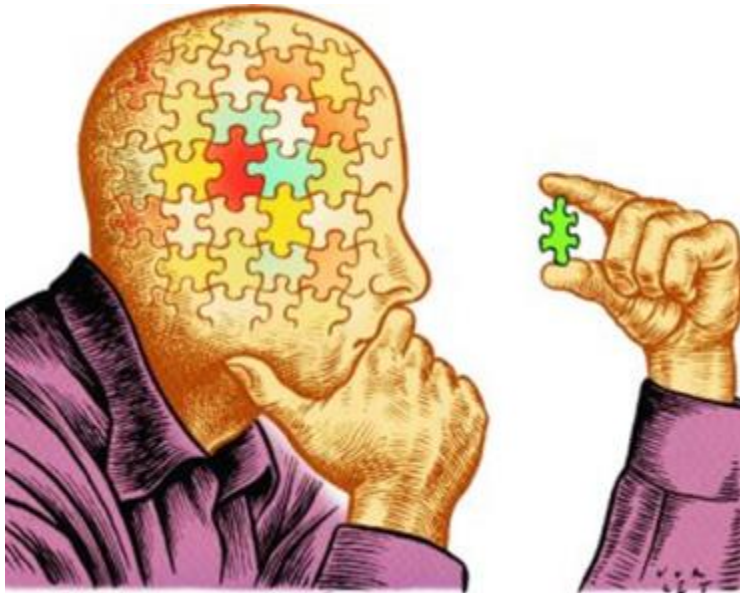
Lecture

LEARNING OBJECTIVES:

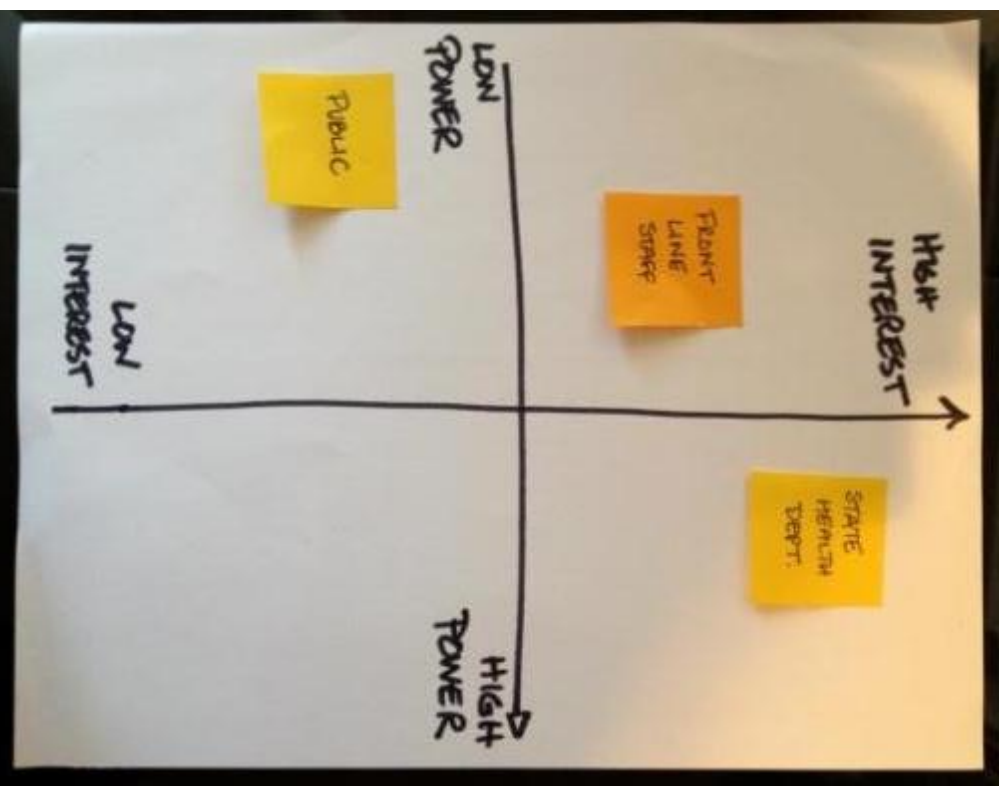
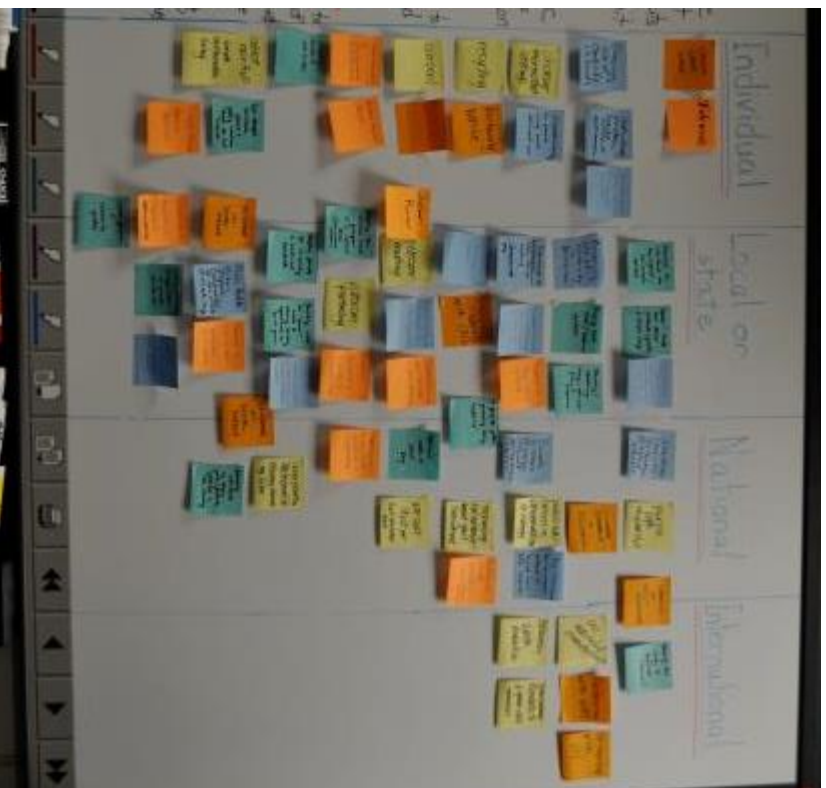
- Usually 3 objectives
 - Describe pathways by which climate change impacts human health



Brainstorming Session



Outputs from Brainstorming



Next steps

- Make core trainings available to broader audience (e.g., through recordings; web interface)
- Repeating trainings on specific impacts with targeted groups within DPH and potential partners
- Develop collaborative teams to create education & outreach materials for different stakeholders