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

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Local Health Department Framework for Climate Change
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

UCLA Fielding School of Public Health

Southwest Regional Public Health Training Center

County of Los Angeles Public Health
<table>
<thead>
<tr>
<th>Environmental Effects</th>
<th>Primary</th>
<th>Secondary</th>
<th>Health Effects</th>
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<tbody>
<tr>
<td>Extreme Weather</td>
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<td>Heat waves</td>
<td>Heat-related illness and death</td>
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<td>Air pollution</td>
<td>Cardiovascular disease</td>
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<td>Wildfires</td>
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<td>Flooding</td>
<td>Water- and Food-borne illness</td>
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<td>Water pollution</td>
<td>Vector-borne illness</td>
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<td>Drought</td>
<td>Injuries related to extreme weather</td>
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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
- Alternate Water
- Allergies and asthma
- Coastal ecosystems
- Policies and Regulations
- Vector-borne Disease
- Water Security
- Food Security
- Hurricane Sandy
For each workshop, the following materials were developed:

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