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U.S. EPA's State Climate and Energy Technical Forum &
Local Climate and Energy Webcast Series

Climate Change Adaptation for State and Local Governments
Part Two: Adaptation Planning and Implementation

December 15, 2010

We will start in a few minutes. Thank you for joining us.

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Webcast Agenda

State and Local Climate and Energy Program

- Welcome
  - Julia Miller and Emma Zinsmeister, U.S. EPA State & Local Climate and Energy Program (5 min)
- Overview
  - Terri Cruce, Consultant, Pew Center on Global Climate Change and Georgetown Climate Center (15 min)
  - Q&A (5 min)
- State Perspective
  - Kurt Malchow, California Natural Resources Agency (15 min)
  - Q&A (5 min)
- Local Perspective
  - Mikaela Engert, City of Keene, NH (15 min)
  - Q&A (5 min)
- Facilitated Discussion
  - Catherine Morris, The Keystone Center (25 min)

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GoTo Webinar Software Logistics

State and Local Climate and Energy Program

- You will be muted throughout this webcast to minimize background noise. You'll be able to submit questions and comments in writing.
- **Today's agenda, presentations and additional background documents are available at:**
  - http://www.epa.gov/statelocalclimate/web-podcasts/index.html
  - http://www.epatechforum.org/
- PDF and audio files of today's webinar will be available for download in a few weeks at these sites.

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Questions (GoTo Meeting)

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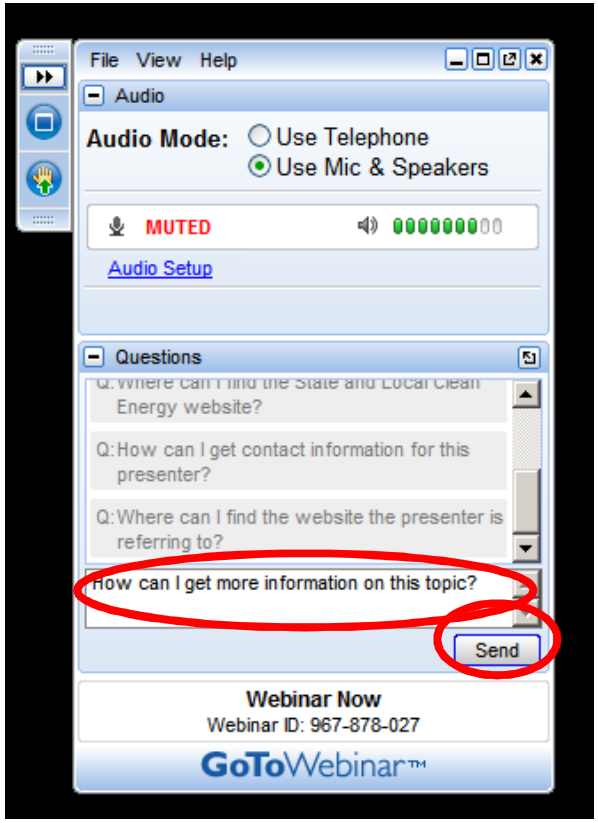
- If you have a question, submit through the question pane.
- We will compile these questions and ask them during the Q&A session.
- Please include the name of the presenter you would like to answer your question.



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Optional Feedback (GoTo Meeting)

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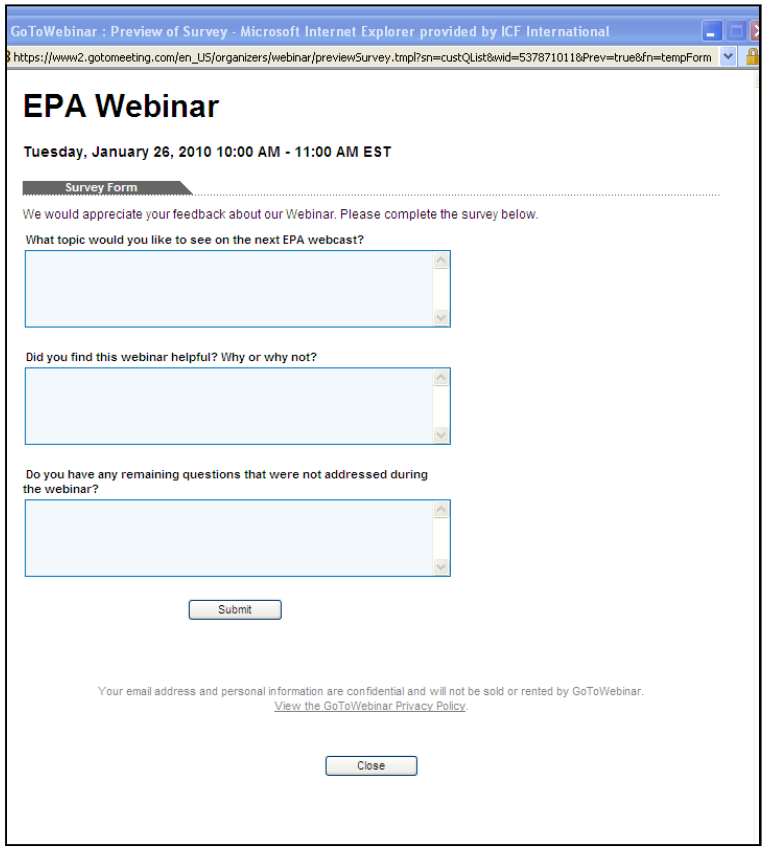
- A pop-up window will appear once you exit GoTo Meeting.
- Please take a few minutes to respond to the optional questions and provide your feedback.



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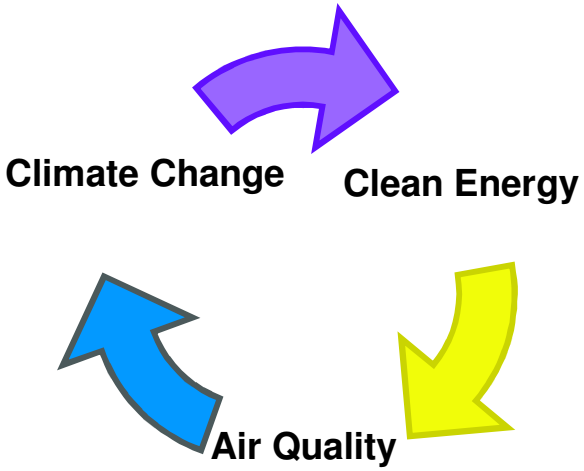
U.S. EPA State and Local Climate and Energy Program: Who We Are

- Helps states, localities and tribal governments identify, analyze, implement and track the success of policies and programs that achieve *multiple benefits:*
  - reduce greenhouse gas emissions,
  - lower energy costs,
  - improve air quality, public health, and quality of life,
  - increase energy security and reliability and
  - achieve economic development goals.



Clean Energy: Energy Efficiency, Renewable Energy, Combined Heat and Power

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U.S. EPA State and Local Climate and Energy Program: What We Offer

State and Local Climate and Energy Program

Comprehensive website provides State and Local governments with:

- Background on climate change topics, **including adaptation**
- Information to **develop and implement climate mitigation policies and programs**
- Links to a wide array of **technical assistance resources** and **peer exchange opportunities,** such as tools, guidance documents, webcasts, and podcasts
- **Examples and case studies**
- Developing a tribal element for the program

http://www.epa.gov/statelocalclimate/index.html

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State Climate and Energy Partner Network

State Climate and Energy Program

- Helps state energy, environmental and utility commission staff understand and explore climate change and clean energy policy and program options.
- In the partner network, you can:
  - Receive EPA's weekly summary of state climate and energy policy news.
  - Participate in the network listserv — pose questions to colleagues and share information about initiatives and activities your state has undertaken.
  - Provide recommendations for topics and speakers for EPA's monthly State Climate and Energy Technical Forum Webcasts.
- To join the Network, please register at:

http://www.epa.gov/statelocalclimate/state/partner/index.html

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Local Climate and Energy Program

- Helps local governments (e.g. regional, county, city, town, etc.) meet multiple sustainability goals with cost–effective climate change mitigation and clean energy strategies.

- Provides peer exchange training opportunities along with policy, technical, and analytical information for planning, implementing and evaluating programs/projects.
  - Local Government Climate & Energy Strategy Guides
  - Local Climate and Energy Webcasts
  - Climate Showcase Communities & other case studies

http://www.epa.gov/statelocalclimate/local/index.html

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U.S. EPA
Heat Island Reduction Program

State and Local
Climate and Energy Program

- Heat islands describe the occurrence of measurably higher temperatures in densely built urban centers compared to surrounding suburban or rural areas.

- Mitigating the heat island effect can help adapt to future weather, climate, and health variations:
  - Precipitation (increased intensity and frequency)
  - Temperatures (higher)
  - Heat waves (increased frequency and length)
  - Heat-related illness (may increase due to higher temperatures and more frequent heat waves)

- Actions to address the heat island effect include increasing:
  - Vegetative cover (trees, vegetation, and green roofs)
  - Cool and reflective hard surfaces (roofs and pavements)

- Resources and more information about EPA's Heat Island Program are available at: http://www.epa.gov/heatislands/

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Climate Change Impacts and Adaptation Resources

State and Local Climate and Energy Program

U.S. EPA State and Local Climate and Energy Program Website

- State Page: http://www.epa.gov/statelocalclimate/state/topics/impacts-adaption.html
- Local Page: http://www.epa.gov/statelocalclimate/local/topics/impacts-adaptation.html

Webcast Mini-Series: Climate Change Adaptation for State and Local Governments

Jointly hosted by EPA's State Climate and Energy Technical Forum and Local Climate and Energy Webcast Series

- **Part One: Climate Impacts & Risk Communication –** November 18, 2010
- **Part Two: Adaptation Planning and Implementation - TODAY**
- **Part Three: Federal Resources & Support for Climate Change Adaptation**
  - January 13, 2011 from 2:00-3:30 PM EST
  - Register at: https://www2.gotomeeting.com/register/371104282

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Additional Climate Change Impacts and Adaptation Resources

State and Local Climate and Energy Program

U.S. EPA Report: Climate Change Indicators in the United States

http://www.epa.gov/climatechange/indicators.html

U.S. Global Change Research Program

- Brochures & regional fact sheets on climate impacts: http://www.globalchange.gov/publications/reports/scientific-assessments/us-impacts/usimpacts-brochures

Pew Center on Global Climate Change

- Impacts analysis, legislative tracking, example adaptation plans:

  http://www.pewclimate.org/hottopics/adaptation

Georgetown Climate Center

- Best practices, legal analysis, legislative tracking, example adaptation plans:

  http://www.georgetownclimate.org/adaptation/index.php

ICLEI-Local Governments for Sustainability

- Guidebook, case studies, fact sheets, & links to other resources:

  http://www.icleiusa.org/programs/climate/Climate_Adaptation/free-climate-adaptation-resources

More federal resources to be highlighted during our January 13, 2011 webcast!

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Contact Information

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  - (202) 343-9384

- To receive updates on climate and clean energy policy developments, studies, reports, events, and funding opportunities, please sign up for our **State and Local Climate and Energy Listserv:** http://www.epa.gov/statelocalclimate/listservs/index.html#a01