

# Understanding Your City's Heat Island: Considerations and Approaches

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

Please call in for audio:

(855) 210-5748



# Understanding Your City's Heat Island: Considerations and Approaches

September 7, 2017

Hosted by:

U.S. EPA Heat Island Reduction  
Program





# Webcast Agenda

- **Introduction**

Victoria Ludwig, U.S. EPA Heat Island Reduction Program

- **Overview and Key Considerations**

David Sailor, Urban Climate Research Center, Arizona State University

- **Case Study: Modeling a Heat Island with Satellite Data (Cambridge, MA)**

John Bolduc, Cambridge Community Development Department

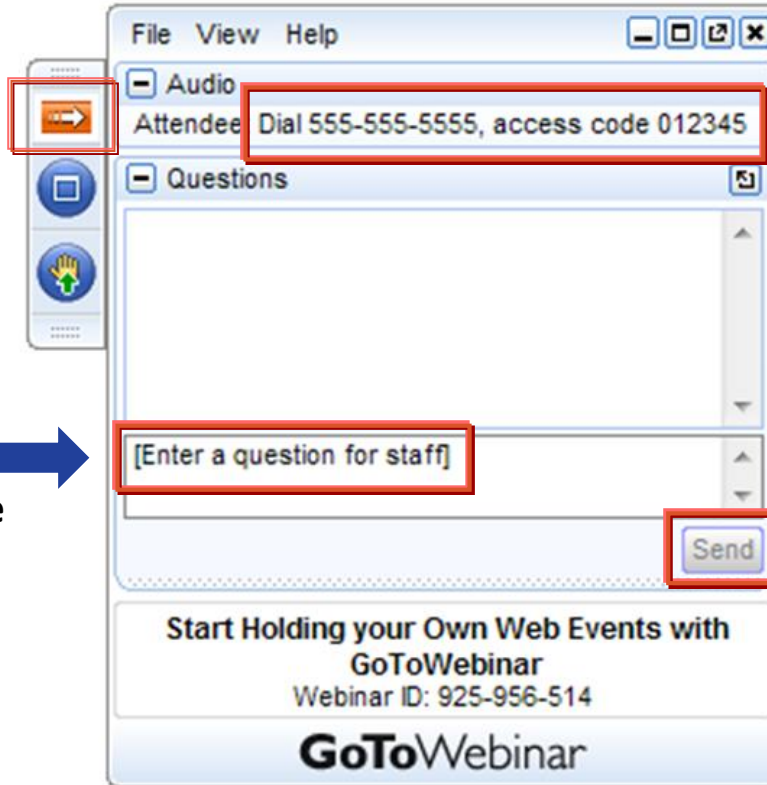
- **Case Study: Creating a Ground-Based Temperature Data Network (Baltimore, MD)**

Kristin Baja, Urban Sustainability Directors Network

- **Q&A Session**

# How to Participate Today

Open and close  
your control  
panel.



Audio is only  
available by  
telephone  
**855-210-5748**

Participants are on  
mute. Type in your  
questions and indicate  
the speakers.

Hit "send" to  
submit your  
questions

If you experience technical difficulties, please contact  
Brad Hurley at: [Brad.Hurley@icfi.com](mailto:Brad.Hurley@icfi.com)

# EPA's Heat Island Reduction Program

- **WHAT:** Outreach and technical assistance program working with local officials, researchers, non-profits, and industry to identify opportunities to implement effective heat island reduction programs and policies.
- **WHY:** Reducing urban heat brings multiple environmental and public health benefits:
  - Fewer heat-related illnesses and deaths
  - Less energy use
  - Better air quality
  - Fewer greenhouse gases
  - Improved stormwater management
  - More resilient communities



# Heat Island Program Resources

- ***Compendium of Strategies: Reducing Urban Heat Islands:*** Heat island science, detailed info on mitigation strategies, local examples, policy options
- **Website:** Basic information on heat island topics, calendar of events, newsroom, links to other resources
  - **COMING SOON:** New content on assessing heat islands
- **Examples:** Database of more than 75 local and statewide initiatives to reduce heat islands
- **Webcasts:** Topics include local case studies, public health concerns, advances in mitigation strategies
- **Newsletter:** Includes recent news on local activities, research updates, funding opportunities



# Contact Information

**Victoria Ludwig**

U.S. Environmental Protection Agency

[ludwig.victoria@epa.gov](mailto:ludwig.victoria@epa.gov)

202-343-9291

**Website:**

<https://www.epa.gov/heat-islands>

**EPA Heat Island Newsletter Sign-Up:**

<https://www.epa.gov/heat-islands/forms/heat-island-newsletter-signup>

