

# Wireless Network

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# Building Resilience to a Changing Climate

Welcome and Agenda Review

June 4, 2024

Seattle Public Utilities



City of Seattle

# Table Introductions

- Name
- Organization and role
- Connection to water planning at SPU
- Favorite pet (past or present)



# Water Utility Climate Alliance (WUCA)

## Mission

Collaboratively  
advancing water  
utility climate change  
adaptation

## Vision

Climate-resilient  
water utilities  
supporting thriving  
communities



Over 50  
million  
Americans  
get their  
drinking  
water from  
WUCA  
utilities



# Examples of Key Accomplishments & Products



Business Function Mapping



Leading Practices in Climate Adaptation



Piloting Utility Modeling Applications



Embracing Uncertainty



Engineering Case Studies



Sea Level Rise Guide



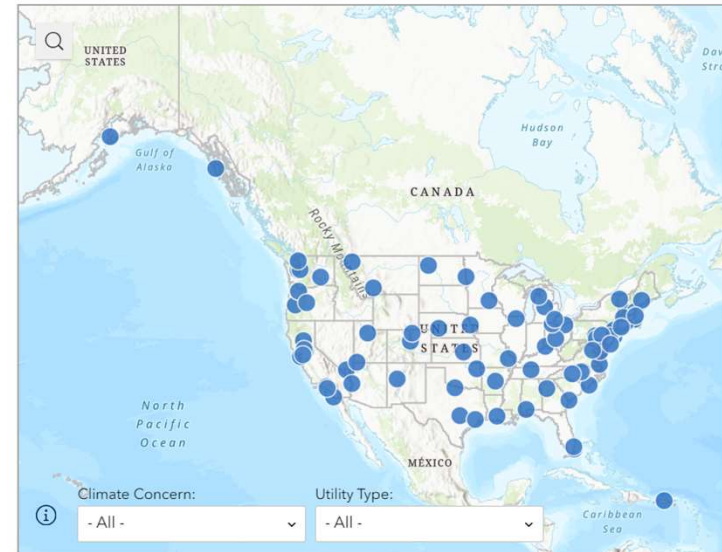
Climate Resilience Trainings and Workshops





# U.S. EPA's Creating Resilient Water Utilities (CRWU)

- Supporting climate adaptation at drinking water, wastewater and stormwater utilities as part of EPA's technical assistance efforts
- Providing access to climate change information and risk assessment framework
- Connecting systems to partners and funding opportunities



+ Add Custom Threat



Drought



Ecosystem Changes



Floods



Service Demand And Use



Water Quality Degradation



# Climate change is here and now. How it manifests is deeply uncertain...

Water utilities need guidance and practical approaches to prepare and plan.

# Reminders

## COMMUNITY AGREEMENTS

- Stay engaged: Take space, make space
- Be curious and take risks
- Summon your inner Productive Skeptic, if needed
- Perfect shall not be the enemy of the good

## REMINDERS

- We all have expertise
- Step into the ideal/futuristic/best case scenario

*Acknowledgement: Sam Keller and Shape Our Water*





# Acknowledgements

## SPU and WUCA Staff

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Sam Keller, SPU

Kavita Heyn, Portland Water Bureau

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Alan Cohn, NYC Dept of Environmental Protection

Julia Rockwell, Philadelphia Water Department

Jessica Evans, AMWA

## Partners and Trainers

Julie Vano, Aspen Global Change Institute

Steve Fries, EPA Creating Resilient Water Utilities

Lindsay Usher, The Cadmus Group

Michelle Miro, RAND

Greg Gates, Hazen & Sawyer

Guillaume Mauger, UW Climate Impacts Group

Rosemary Menard, City of Santa Cruz



# Objectives

1. Foster an understanding of regional climate impacts and climate science
2. Learn from peer utilities
3. Lay the groundwork for a scenario-based planning approach for SPU
4. Develop strategies to address institutional barriers and generate engagement around utility climate adaptation and resilience building
5. Have fun!

# Agenda Preview

## DAY ONE (June 4)

- Introductory group exercise
- SPU case study
- PNW climate impacts
  - Lunch --
- Climate science
- PWB case study

## DAY TWO (June 5)

- Reflections
- EPA CRWU Stories
- Group exercise
- Santa Cruz case study
  - Lunch --
- Panel and discussion:  
Confronting barriers to  
implementation


# Pre-Workshop Survey Questions

Join at [menti.com](https://www.menti.com) | use code **6268 9602** Open Mentimeter

## Instructions

Go to  
**[www.menti.com](https://www.menti.com)**

Enter the code  
**6268 9602**



Or use QR code

The image shows a Menti poll interface with a scenic background of a lake and mountains. At the top, it says 'Join at menti.com | use code 6268 9602' and 'Open Mentimeter'. The main heading is 'Instructions'. Below that, it says 'Go to www.menti.com' and 'Enter the code 6268 9602'. To the right is a large QR code, and below it says 'Or use QR code'.

# Activity: WUCA Leading Practices

