

# Poll #3

How confident are you in your ability to effectively use climate science in long-range planning?

**Building Resilience to a Changing Climate:  
A Technical Training in Water Sector  
Utility Decision Support**



# **Key Takeaways, Reflections & Wrap Up**

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# Day 1 Reflections

- Decisions for the Decades Game – Need to make investments with imperfect information.
- Can't be prepared for everything. Use the Guiding Principles/Do's and Don'ts to help make decisions despite imperfect information.
- GCMs are the best source of information on future climate, but they are PROJECTIONS not PREDICTIONS.
- GCMs rely on assumptions about future emissions which are uncertain.
- GCMs are low resolution and don't adequately represent mountainous terrain like the Colorado River Rockies.
- GCM ensembles have better skill but does not show range of projections
- GCMs are improving in skill, but newer doesn't necessarily mean better.

# Day 2 Agenda Brief Preview

## Day 1 (July 19)

- Group exercise: Decision for the decades.
- Focus will be on understanding the capabilities and limitation of climate science.

## Day 2 (July 20)

- Expand on capabilities and limitation of climate models, downscaling, and hydrology models.
- Hear from a panel of experts about confronting challenges (especially communication challenges) from decision makers in the water sector.

## Day 3 (July 21)

- Understand the different planning frameworks that address deep uncertainty associated with climate change; and
- Learn different communication tools to be able to explain the value and limitations of different planning frameworks to various audiences.