Poll #3

How confident are you in your ability to effectively use climate science in long-range planning?
Key Takeaways, Reflections & Wrap Up

Keely Brooks, WUCA, Southern Nevada Water Authority
Alyssa Hall, Cadmus
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.