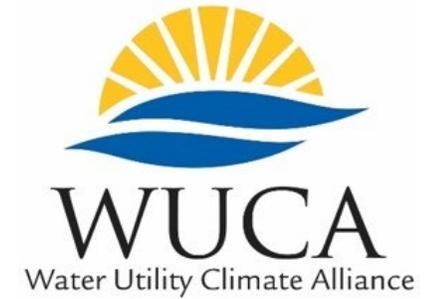# Poll #5

How comfortable would you be with explaining to a colleague how hydrologic projections are affected by the choice of downscaling and bias correction method?

Day 2 Reflections

- Downscaling and hydrology modeling provide local-scale insights of global scale information, but many methods with various representations of complexity.

- Be extra careful not to confuse high resolution with increased accuracy.

- Currently many downscaling approaches under development for the basin, CMIP5 (BCSD, LOCA, EnGARD, ICAR) & CMIP6 (ICAR).

- Many methods available to incorporate hydrologic uncertainty (resampled historic, GCM-based, blended), BUT the method you pick shifts the risk.

- DMDU helps address challenges with planning under climate change.

- Analyze data to identify which conditions cause policy to be vulnerable across a range of metrics.

- SNWA presented their approach to using multiple scenarios to capture uncertainties.

- Panel reflected on local and basin-wide challenges. Hits keep coming - faster & sooner than expected.

Day 3 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.

Providing Feedback

We want to hear from you!

Please fill out the survey to help us improve our next virtual training.