



Advisory Group and Task Force Subcommittee Reports

Water Forward Task Force Meeting | April 14, 2021



Aquifer Storage and Recovery Technical Advisory Group

- Presented Phase 1a project approach
- Session 1:
 - Project technical tasks
 - Discussion
- Session 2:
 - Community engagement/equity and affordability tasks
 - Discussion



Climate Technical Advisory Group

- ◆ **Presented Water Forward project background and previous climate analysis**
 - **Topic 1: General circulation models (GCMs) and climate scenarios to be used in analysis.** In the Water Forward 2018 analysis, 20 GCMs from CMIP 5 were used for analysis.
- ◆ Discussed pros/cons of using CMIP5 or CMIP6
 - Several CTAG members recommended using CMIP5 over CMIP6 because the 6 models are very new and the community has not had a chance to vet them yet
 - Could potentially still use CMIP6 if we were selective about which models to use
 - Need to evaluate whether CMIP6 provides data that CMIP5 does not → different variables, different variable reporting frequencies, large ensembles, etc.
 - **Start with CMIP5 and have the climate consultant automate the process so that CMIP6 data could be fed in as it is available**
 - **Get recommendation from consultant**
 - Discuss GCMs appropriate for use in this region
 - Discussed selection of climate scenarios (for example, choosing RCPs or SSPs to represent various degrees of warming or other potential impacts of climate change)
- ◆ **Topic 2: Downscaling methodology and downscaled GCM outputs**
 - Discussed possible downscaling approaches appropriate for the Colorado River basin and Central Texas region
 - Discussed possible validation approaches for downscaled data outputs



Questions and Discussion

