



TECHNICAL COMMITTEE MEETING AGENDA

April 21, 2021 1:00 – 2:00 p.m.

Virtual Meeting via Zoom: <https://tnc.zoom.us/j/93608298236>

Call in: (669) 900-6833 Meeting ID: 936 0829 8236

(Alternate if problems with Video Conferencing: Phone: 605-475-3215, Code 1085829#)

Science/Technical Advisor Members: Audubon Arizona- , Sierra Vista- , Cochise County- , Fort Huachuca- , The Nature Conservancy- , BLM- , USGS- , ARS-

Regular Members:

Non-member Attendees:

Scribe: Yvette Matthias

1:00 – 1:10 Introductions

1:10 – 1:25 USPP Administration

1. Review March 2021 notes
2. Work Plan Review
3. WHIP (Web portal): Data display schemes update and Tech Comm role

1:25 – 1:55 MIKESHE Model Development- Data Needs and Sources: (Laurel Lacher/Lacher Hydrological Consulting, Bob Prucha/ Integrated Hydrologic Systems, LLC)

1. Input, boundaries:

Topography; Weather; Vegetation; Soils/geology/faulting; Pumping; Subsurface hydrologic parameters and model layering; Streambed conductance; USGS stream flows; Artificial recharge (EOP, Palominas, Horseshoe Draw, Fort Huachuca, Greenbush Draw, other?); Hydraulic structures (diversions in Benson Subwatershed?); Irrigation (source water, crops, irrigation season)

2. Calibration (monitoring):

Groundwater levels – any recording PTs (GSA, USGS, other); Nested (vertical gradient) and other installations (e.g, Sustainability Report); Continuously recording surface flow gages other than USGS; Spring flows; Water quality; Soil moisture; ET estimates; Changes in streambed conductance over time

1:55 – 2:00 Call to the Public or Member Updates (including other related partnerships)

Next Meeting: Wednesday, May 19, 2021

TYPICAL SCHEDULE: 3RD WEDS. MONTHLY, 1:30 – 4:00 p.m.