

34th ANNUAL SWQM WORKSHOP
October 28-30, 2020
First Ever Virtual Meeting

Thursday, October 29 ([main meeting link](#))

- 8:00 Welcome & Housekeeping – Sarah Whitley, SWQM CO, TCEQ
- 8:15 Welcome & Updates – Andrew Sullivan/Kyle Girtten, SWQM CO, Monitoring and Assessment Section, TCEQ
- 8:30 Day in the life of a SWQMite – Scott Griffith and Doug Robinson, R10-Beaumont
- 8:50 How clone can you go? Clonal diversity and seedbank density in the seagrass *Halodule wrightii* – Dr. Patrick Larkin, TAMUCC
- 9:10 Nonpoint Source Project Viewer – Tim Cawthon, TCEQ NPS Program
- 9:30 Status of the Tidal IBI Project – Dr. Jennifer Pollack, TAMUCC
- 9:50 BREAK
- 10:00 Equipment updates/news – Chuck Dvorsky, SWQM CO, TCEQ
- 10:20 Special updates and QA
- Procedures Manual – Robin Cypher, SWQM CO, TCEQ
 - Biological monitoring (LDS, ALM, Seagrass) – Sarah Whitley, SWQM CO, TCEQ
- 10:45 Concurrent Sessions (separate meeting links)
- [Online Demos](#)
 - iNaturalist Demo – Robby Deans, SWQM CO, TCEQ
 - ArcGIS Online Demo – Terra Lindgren, SWQM CO, TCEQ
 - SWQMIS Introductory Training: [SWQM Regional Staff](#) – Lizeth Perez, DMA, TCEQ
 - SWQMIS Introductory Training: [External SWQMIS Users & CRP Staff](#) – Sarah Kirkland, DMA, TCEQ
- 12:00 Adjourn for the day

Friday, October 30 ([main meeting link](#))

- 8:00 **Day in the life of a CRP partner** – Leslie Grijalva, International Boundary and Water Commission (IBWC)
- 8:20 **Data Management Updates and Announcements** – Cathy Anderson, Data Management & Analysis, TCEQ
- 8:40 **Freshwater mussels I: Introduction to mussels** – Gary Pandolfi, USFWS
- 9:00 **Freshwater mussels II: Mussel taxonomy updates and changes** – Matt Johnson, USFWS
- 9:20 **How data collectors continued/performed their monitoring during COVID-19**
- Safety discussion (facilitated)
 - Tips and tricks (audience participation)
- 10:00 **BREAK**
- 10:10 **Panel Discussion: How to pass down knowledge, experience and wisdom after a long-term employee has left**
- 11:10 **Concurrent Sessions (separate meeting links)**
- [Water Quality Sampling 101](#)
 - Routine monitoring overview – Robin Cypher, SWQM, TCEQ
 - Water sampling basics: collection procedures from waterbodies and buckets – Pat Bohannon, SWQM, TCEQ
 - Flow basics: math, channel engineering, estimating severity – Laura Ryckman, SWQM, TCEQ
 - [SWQMIS Advanced Training: Reports](#) – Cathy Anderson, DMA, TCEQ
- 12:30 **Adjourn**

Afternoon: Optional Session

- 1:30 **Additional SWQMIS Training** – Cathy Anderson will be available if there are additional questions or a need for more SWQMIS demos.