



Water Management Workshop

Sponsored by

NOAA Climate Program Office Sectoral Applications Research Program (SARP)
NSF CyberSEES (Cyber-Innovation for Sustainability Science and Engineering) Program
UTA College of Engineering Department of Civil Engineering
UTA Urban Water Institute

Dates: June 6, 2017

Location: Nedderman Hall (NH) Rady Room (601), 416 S. Yates St, Arlington, TX

Location map <http://www.uta.edu/maps/index.php?id=37>

Parking: Lot 36, 35 or 34 on the map (student section only)

There are no registration fees. Coffee, pastry and lunch will be served.

Goals

- Identify the needs for predictive water information for operation and management of reservoirs and water systems and for flood control and water-related hazard mitigation.
- Share advances, successes and best practices in water forecasting and management, and inform the community of available products, services, tools, and resources.
- Discuss and plan how best to address the needs through coordinated efforts and innovation.

Agenda

June 6, 2017 (Tue) – NH 601 (Rady Room)

- 8:00-8:30 am** Coffee & pastries
- 8:30-8:40 pm** Welcome and Introduction
- Welcoming remarks – Dr. Ali Abolmaali, Chair, Dept. of Civil Eng., UTA
 - [Background and goals - Dr. D-J. Seo, Dept. of Civil Eng., UTA](#)
- 8:40-10:25pm** Session 1.
- [NWS hydrologic operations, products and services - Kris Lander, NWS/WGRFC \(15 min\)](#)
 - [USACE water resources operations products and services - Jerry Cotter, USACE \(15 min\)](#)
 - [NWS Hydrologic Ensemble Forecast Service \(HEFS\) - Ernie Wells, NWS/HQ \(15 min\)](#)
 - [DWU water supply operations and needs – Denis Qualls, DWU \(15 min\)](#)
 - [TRWD future water supply initiatives - Laura Blaylock, TRWD \(15 min\)](#)

- [City of Grand Prairie flood operations and needs - Stephanie Griffin, City of Grand Prairie \(15 min\)](#)
- Discussion – Facilitator Kris Lander (15 min)

10:25-10:40 am Break

10:40-Noon Session 2.

- [NTMWD water supply operations and needs – Galen Roberts, NTMWD \(15 min\)](#)
- [UTRWD water supply operations and needs – Blake Alldredge, UTRWD \(15 min\)](#)
- [TRA operations and needs - Glenn Clingenpeel, TRA \(15 min\)](#)
- [Advances in operational water forecasting - Edwin Welles, Deltares USA \(15 min\)](#)
- Discussion – Facilitator Nick Fang (20 min)

Noon-1:00 pm Lunch

1:00-2:20 am Session 3.

- [City of Dallas flood operations and needs – Susan Alvarez, City of Dallas \(15 min\)](#)
- [City of Arlington flood operations and needs – Mandy Clark, City of Arlington \(15 min\)](#)
- [City of Fort Worth flood operations and needs - Chris Johnson, City of Fort Worth \(15 min\)](#)
- [Regional coordination and needs - Edith Marvin, NCTCOG \(15 min\)](#)
- Discussion – Facilitator Edith Marvin (20 min)

2:20-3:00 pm Break

3:00-4:20 pm Session 4.

- [Brazos River Authority operations and needs – Brad Brunett, BRA \(15 min\)](#)
- [Lower Colorado River Authority operations and opportunities - Ron Anderson, LCRA \(15 min\)](#)
- [The Southern Climate Impacts Planning Program – Margret Boone, NOAA RISA \(15 min\)](#)
- Water Research at UTA, Water Resources faculty, UTA (15 min)
 - [Research Activities – Dr. Habib Ahmari](#)
 - [MavAir UAV Applications – Dr. Nick Fang](#)
 - [Research Highlight – Dr. Yu Zhang](#)
- Discussion – Facilitator Yu Zhang (20 min)

4:20-4:50 pm Discussion

- Adjourn -