Texas Water Research Network
September 13-14, 2018

The University of Texas at Austin ▼ Main Campus

Meeting goals:
- Provide a setting for new and existing members to network
- Provide learning opportunities on key issues in Texas water resources
- Promote effective interactions between researchers and stakeholders

Thursday, September 13, 2018 – Avaya Auditorium, Peter O'Donnell Building (POB) 2.302

12:00 PM  Lunch (POB 2.402)

12:30 PM  Welcome
- Jay Banner, University of Texas at Austin

12:45 PM  Critical topics of the next legislative session
- Ken Kramer, Sierra Club Chapter Director (retired)

1:00 PM  Panel: Water Infrastructure challenges faced by small municipalities
- Growing and Changing Demands on Blanco's Water Infrastructure (Martha Herden, Mayor, Blanco)
- Water Resilience for the Second Fastest Growing City in the Country (Ian Taylor, CEO New Braunfels Utilities)
- Developing a Regional Water Supply from Scratch (Graham Moore, Alliance Regional Water Authority)

2:30 PM  Coffee Break (POB 2.402)

3:00 PM  Water infrastructure challenges faced by rural communities
- Trent Hightower, Texas Rural Water Association

3:45 PM  Groundwater resilience – perspective from GCDs
- Brian Smith, Barton Springs Edwards Aquifer Conservation District

Facilitating Collaborative Groundwater Research in South-central Texas: Integrating GCD Perspectives to Address Multi-Aquifer Challenges
- Marcus Gary, Edwards Aquifer Authority

5:00 PM  Reception – POB 6.102

WiFi Connection
1. Connect to the attwifi network
2. Open your web browser
3. Click on “Use a Coupon” and enter code WPJM-CMP4-FF
# Texas Water Research Network
## September 13-14, 2018

The University of Texas at Austin  ■  Main Campus

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Friday, September 14, 2018, Thompson Conference Center Auditorium (Room 1.110)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:00 AM</td>
<td>Breakfast</td>
<td></td>
</tr>
<tr>
<td>8:30 AM</td>
<td><strong>Markets for Water – Time to Deliver on the Promise for Texas</strong></td>
<td>• David Yoskowitz, Harte Research Institute, Texas A&amp;M Corpus Christi</td>
</tr>
<tr>
<td>9:00 AM</td>
<td><strong>Economic Valuation of Groundwater in Texas</strong></td>
<td>• Gabe Collins, Baker Institute, Rice University</td>
</tr>
<tr>
<td>9:30 AM</td>
<td><strong>Current and Future Western US Water Markets</strong></td>
<td>• Sheila Olmstead, UT Austin</td>
</tr>
<tr>
<td>10:00 AM</td>
<td><strong>Coffee Break</strong></td>
<td>(Thompson Conference Center Lobby)</td>
</tr>
<tr>
<td>10:30 AM</td>
<td><strong>Groundwater Transactions to Mitigate Extreme Events &amp; Support Environmental Flows</strong></td>
<td>• Michelle Lapinski, Earth Genome</td>
</tr>
<tr>
<td>11:00 AM</td>
<td><strong>Water Markets Panel Discussion</strong></td>
<td>• Moderated by Sharlene Leurig, The Meadows Center</td>
</tr>
<tr>
<td>11:45 AM</td>
<td><strong>TWRN Social Network Analysis</strong></td>
<td>• Patrick Bixler, LBJ School of Public Affairs, UT Austin</td>
</tr>
<tr>
<td>12:00 PM</td>
<td><strong>Lunch</strong></td>
<td>(Thompson Conference Center Lobby)</td>
</tr>
<tr>
<td>1:00 PM</td>
<td><strong>Atlas 14 (The old 500 yr event is the new 100 yr event) and Research Needs</strong></td>
<td>• John Nielsen-Gammon, Texas A&amp;M</td>
</tr>
<tr>
<td>1:15 PM</td>
<td><strong>State Flood Assessment</strong></td>
<td>• John Dupnik, Texas Water Development Board</td>
</tr>
<tr>
<td>2:00 PM</td>
<td><strong>Coffee Break</strong></td>
<td>(Thompson Conference Center Lobby)</td>
</tr>
<tr>
<td>2:30 PM</td>
<td><strong>Flooding challenges for large municipalities: Identifying research needs</strong></td>
<td>• Implications of Atlas 14 for the City of Austin (Kevin Shunk, City of Austin)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Houston’s Flooding Challenges and Research Needs (Jamila Johnson, City of Houston )</td>
</tr>
<tr>
<td>3:30 PM</td>
<td><strong>Flooding research advancements and needs</strong></td>
<td>• Flash flood forecasting (Jon Zeitler, National Weather Service, NOAA)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Stormwater infrastructure and modeling: when both the models and landscape are overwhelmed (Ben Hodges, UT Austin)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Equity in disaster recovery efforts, Sarah Labowitz, City of Houston</td>
</tr>
</tbody>
</table>
4:30 PM  **Challenges to collaborations between cities, universities, and other institutions**  
Group discussion moderated by:  
- Chris Herrington, City of Austin  
- Robert Mace, Meadows Center, Texas State University  
- Jay Banner, UT Austin

5:30 PM  **Reception** (Jackson Geological Sciences Building (JGB) – Holland Family Student Center)

6:00 PM  **Hot Science Cool Talks - Cool Activities**  
(JGB – Main floor hallways)  
- Hands on activities to enable informal science learning for people of all ages

7:00 PM  **Hot Science Cool Talks – Hurricane Harvey: Flood Emergency Response**  
(Student Activities Center (SAC) – Auditorium)  
- David Maidment

**WiFi Connection**

4. Connect to the attwifi network  
5. Open your web browser  
6. Click on “Use a Coupon” and enter code **WPJM-CMP4-FF**