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# Texas Water Technology Roadmap Forum

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A Water Technology Roadmap Forum Facilitated through  
an Interdisciplinary and Multi-Stakeholder “Charrette”

Organized by:

**The Meadows Center for Water and the Environment &  
STAR Park at Texas State University**

**AccelerateH2O – Texas Water Technology Accelerator**

**The Water Institute of Texas**

**and**

**The National Science Foundation Research Coordination Network on Climate, Energy,  
Environment and Engagement in Semiarid Regions**

Underwriting Sponsor

**The Wells Fargo Foundation**

Co-Sponsors

**The Meadows Foundation**

**The Texas Research and Technology Foundation**

Location and Date:

**[The University of Texas at San Antonio \(UTSA\) – Downtown Campus](#)**

**Durango Building, Southwest Room**

**501 West Cesar Chavez Blvd., San Antonio, TX 78207**

**[Parking: Lot D3](#)**

**Coffee - registration - networking: 8:00 AM to 8:45 AM**

**Forum: 9:00 AM to 4:00 PM**

**February 25, 2015**

The Forum Agenda & Charrette Activities  
UTSA Downtown – Southwest Room, Durango Bldg.  
8:00 a.m. – 4:00 p.m. • February 25, 2015

**Registration and Breakfast**

8: 00 a.m. – 8:45 a.m.

**Session 1: “Establishing the Point of Departure for the Forum & Charrette Process”**

9:00 a.m. – 9:30 a.m. (30 minutes)

Welcome and Introduction to Forum objectives and logistics

- Welcome by sponsors [5 minutes]
- Description, Examples and Historical Impact of Technology Roadmaps [5 minutes]
- Presentation of the charrette process, scope, and "Rules of Engagement" [10 minutes]
- Facilitated plenary discussion on, and formal documentation of, roles, drivers, and expectations of the forum participants [10 minutes]  
**[Input Sheet No. 1]**

**Move to Breakout Rooms; 9:30 a.m. – 9:45 a.m. (15 minutes)**  
**Assembly Rooms, Buena Vista Building**

– **Session 2: “Breakout Group Discussions Round 1”**

9:45 a.m. – 11:15 a.m. (90 minutes)

Facilitated Breakout Group Discussions. Participants select their first choice of discussion topics.

**[Input Sheet No. 2]**

- Breakout Group No. 1: Sources of Water  
This breakout group will focus on a discussion of water technologies from a source point of view, including, but not limited to: gray water, brackish/salt water, membrane technologies and materials, energy conservation, energy production...
- Breakout Group No. 2: Transportation/Delivery of Water  
This breakout group will focus on a discussion of water technologies from a transportation and delivery point of view, including, but not limited to: monitoring, decision tools, GIS tools, systems...
- Breakout Group No. 3: Use of Water (Agriculture, Industrial, or Other)  
This breakout group will focus on a discussion of water technologies from a use point of view, including, but not limited to: resource management, sensors and tools, GIS tools, remote sensing...
- Breakout Group No. 4: Enabling Technologies  
This breakout group will focus on a discussion of water technologies from a use point of view, including, but not limited to: materials, sensors/devices, energy source and management, communications, analytical and decision tools, behavior modification...
  - [Note: Depending on the number of forum participants and their interest in specific topics, additional breakout groups may be formed, as needed]

**Coffee Break & Networking; 11:15 a.m. – 11:30 a.m. (15 minutes)**

– **Session 3: “Breakout Group Discussions Round 2”**

11:30 a.m. – 1:00 p.m. (90 minutes)

Facilitated Breakout Group Discussions. Participants select their second choice of discussion topics.

**[Input Sheet No. 3]**

○ Breakout Group No. 1: Sources of Water

This breakout group will focus on a discussion of water technologies from a source point of view...

○ Breakout Group No. 2: Transportation/Delivery of Water

This breakout group will focus on a discussion of water technologies from a transportation and delivery points of view...

○ Breakout Group No. 3: Use of Water (Agriculture, Industrial, or Other)

This breakout group will focus on a discussion of water technologies from a use point of view...

○ Breakout Group No. 4: Enabling Technologies

This breakout group will focus on a discussion of water technologies from a use point of view...

- [Note: Depending on the number of forum participants and their interest in specific topics, additional breakout groups may be formed, as needed.]

**Box Lunch Break & Networking; 1:00 p.m. – 1:30 p.m. (30 minutes)**

**Return from Breakout Rooms; 1:30 p.m. – 1:45 p.m. (15 minutes)**

– **Session 4A: “Plenary Presentations on Breakout Group Discussions Round 1”**

1:45 p.m. – 2:30 p.m. (45 minutes)

Each Breakout Group will present the highlights of their discussions in Round 1 to all participants in the forum [7 minutes + 3 minutes Q&A each, strictly timed; length will be adjusted if there are more than four breakout groups]

– **Session 4B: “Plenary Presentations on Breakout Group Discussions Round 2”**

2:30 p.m. – 3:15 p.m. (45 minutes)

Each Breakout Group will present the highlights of their discussions in Round 2 to all participants in the forum [7 minutes + 3 minutes Q&A each, strictly timed; length will be adjusted if there are more than four breakout groups]

**Coffee Break & Networking; 3:15 p.m. – 3:30 p.m. (15 minutes)**

– **Session 5: “The Path Ahead”**

3:30 p.m. – 4:00 p.m. (30 minutes)

Facilitated plenary discussion on, and formal documentation of, a preliminary consensus among forum participants on the content of the presentations done in Session 4A and 4B.

**[Input Sheet No. 4]**

**Adjourn for the Day at 4:00 p.m.**

**[Input Sheet No. 5]**