

**The Texas A&M University System - Resource Nexus:
Water Forum
Marriott Riverwalk Hotel and Texas A&M University-San Antonio
San Antonio, Texas
November 17-18, 2015**

AGENDA

Tuesday, November 17

- 8:30 – 8:55 a.m. **Registration and Light Breakfast Fare**
- Master of Ceremonies** – Rudy Rosen, Texas A&M University San Antonio
- 9:00 – 9:10 a.m. **Welcome** – Jon Mogford, Vice Chancellor for Research,
The Texas A&M University System
- 9:10 – 9:15 a.m. **Introduction to Forum Objectives** – Rabi Mohtar, Texas A&M Nexus Initiative
- 9:15 a.m. – 10:30 a.m. ***The Water Challenge Panel Discussion*** –
Moderator - Carl Ganter, Co-Founder, Circle of Blue
- City Perspective – Robert R. Puente, San Antonio Water Systems (SAWS)
 - State Perspective – Kathleen Jackson, Texas Water Development Board (TWDB)
 - National Perspective – Commissioner Edward Drusina, International Boundary Water Commission (IBWC)
 - Global Perspective - Karin Krchnak, World Wildlife Fund (WWF) – via WebEx
- 10:45 a.m. – 12:00 p.m. ***Multi Stakeholders Landscape of the Water Challenge Panel Discussion***
Moderator – Richard Lawford, Future Earth
- Rattan Lal, The Ohio State University, UNFLORES – Video presentation
 - Monty Alger, The Pennsylvania State University
 - Peter Saundry, National Council for Science and the Environment– via WebEx
 - Francisco Bernaola, Abengoa Water
- 12:00 – 1:00 p.m. **Networking Lunch**
- 1:15 – 3:00 p.m. ***Breakout Discussions Group 1: Role of Water Technologies: water – energy – cost tradeoffs***
- Facilitators – Bill Stockton, Texas A&M Transportation Institute; David Ellis, Texas A&M Transportation Institute; and Rabi Mohtar, Texas A&M Nexus Initiative
- Breakout Discussions Group 2: Capacity Building***
- Facilitator – Jorge Vanegas, Texas A&M University College of Architecture
- Breakout Discussions Group 3: Nexus Public Opinion Survey***
- Facilitators – Arnie Vedlitz and Kent Portney, Texas A&M University Bush School of Government and Public Service

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Breakout Discussions Group 4: *Water Law/Policy*

– Facilitator – Gabriel Eckstein, Texas A&M School of Law

3:00 –3:15 p.m.

Break

3:15 – 5:00 p.m.

Forum Reconvenes for Discussion Group Summaries and Way forward

Moderator – Rabi Mohtar, Texas A&M Nexus Initiative

Bridging the Texas Water Gap: Technological, Policy, and Societal Perspectives

Adjourn

5:30 – 7:00 p.m.

Networking Reception

Wednesday, November 18

7:30 a.m.

Buses depart Marriott Riverwalk Hotel to the campus of Texas A&M University–San Antonio (TAMU-SA)

8:00 – 8:30 a.m.

Networking Continental Breakfast

Vista Room, 402 Central Academic Building

8:30 a.m.

Introduction of the President, Texas A&M University-San Antonio

Rudy Rosen

8:30 – 8:40 a.m.

Welcome and Introduction to Texas A&M University-San Antonio

President Cynthia Matson

Master of Ceremonies – Jorge Vanegas

8:40 – 9:10 a.m.

Session 1: *Establishing the Point of Departure for the Charrette Process*

Welcome and Introduction to objectives and logistics

Rudy Rosen. Texas A&M University-San Antonio

Description of the *Texas Water Technology Roadmap: process, results, and historical significance*

Presentation of the charrette process, scope, and *Rules of Engagement*

Facilitated plenary discussion on, and formal documentation of, *roles*, *drivers*, and *expectations* of participants

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9:15 – 9:25 a.m. **Session 2: Breakout Group Discussions: *Water Tech Development Acceleration***
Jim Wall, Texas Center for Applied Technology

Facilitated Breakout Group Discussions on three key dimensions surrounding water technologies, which extend the focus of prior work in this topic: from a source point of view, from a transportation and delivery point of view, from a use point of view, and from an enabling technologies point of view. These discussions will also build and extend the discussions from Day 1. Participants select their first choice of discussion topics.

9:30 – 11:10 a.m. **Breakout Group No. 1: *The Human Dimension*** – 204 Madla Building
Cindy Wall, Texas Engineering Experiment Station, Regional Divisions

This breakout group will focus on a discussion of water technologies from human and social dimension points of view, from individuals and families, through communities, to organizations in the public and private sectors.

Breakout Group No. 2: *The Education Dimension* – 207 Madla Building
Luis Cifuentes, Texas A&M University-Corpus Christi

This breakout group will focus on a discussion of water technologies from an education dimension points of view, from K–12 education, through community college education, to higher education at undergraduate, masters, doctoral, and post-doctoral levels.

Breakout Group No. 3: *The Policy, Law, & Regulatory Environment Dimension* – 209 Madla Building
Wes Patrick, Southwest Research Institute

This breakout group will focus on a discussion of water technologies from a policy, law, and regulatory environment dimension points of view, from local county and municipality government, through state government, to federal government levels.

11:20 a.m.–12:00 p.m. **Session 3: *Plenary Presentations on Breakout Group Discussions*** – Vista Room, 402 Central Academic Building
Jorge Vanegas

Each Breakout Group will present the highlights of their discussions in Round 1 to all participants. All participants to participate in discussion

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- 12:00 p.m. **Lunch and Concluding Session** – Vista Room, 402 Central Academic Building
Session 4: *The Pathway Ahead*
Jorge Vanegas
- Facilitated plenary discussion on, and formal documentation of a preliminary consensus among participants on the content of the presentations done in Session 3.
- 1:00 p.m. **Adjourn and board buses to Marriott Riverwalk Hotel**
- 1:30 p.m. **Arrive Marriott Riverwalk Hotel**



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