**Governor’s Conference on the Future of Water in Kansas**

_November 7-8, 2019_  
_Hyatt Regency, Wichita, KS_

**Wednesday, November 6, 2019**  
3:30 – 6:00 p.m. – Vendor Set up  
6:00 - 7:30 p.m. - Early Registration & Pizza and Beer Conference Kickoff

**Thursday, November 7, 2019**  
7:30 a.m. - Registration/Tour Exhibits (Foyer)  
8:30 a.m. - Opening Session/Welcome  

*Earl Lewis, Acting Director, Kansas Water Office*  
8:40 a.m. - Presentation of Colors  
8:45 a.m. – Welcome Message  

*City of Wichita*  
9:00 a.m. – Progress on the Vision for the Future of Water in Kansas  

*Cara Hendricks, Assistant Director, Kansas Water Office*  
9:30 a.m. – Lt. Governor Lynn Rogers  
9:50 a.m. – Water Legacy Award Presentation

10:00 a.m. - Break/Tour Exhibits

10:15 a.m. – Jill Wheeler, Head, Sustainable Productivity, Syngenta North America

11:00 a.m. – Dr. Rollin Hotchkiss, Brigham Young University

11:45 a.m. – Vendor networking

12:00 p.m. Lunch  
Be the Vision Presentation  
Lunch Featured Speaker - Matthew Lohr, Chief, Natural Resources Conservation Service

1:15 p.m. – Release for dessert bar in lobby and vendor networking

1:45 p.m. – Afternoon Breakout Session I:  
___Sustainability Across the Supply Chain Panel___ – Susan Metzger, College of Agriculture, K-State Research and Extension, Moderator  
- Kim Dirks, Senior Director for Environment, Tyson Foods  
- Debbie Lyons-Blythe, Rancher & board member with the U.S. Roundtable for Sustainable Beef  
- John Harsch, President & COO EcoPractices  
- Hugh Aljoe, Director of Producer Relations, Noble Research Institute
Flooding Response Panel – Earl Lewis, Acting Director, Kansas Water Office, Moderator
- Paul Trumbino, Chief Operations Officer, Iowa Governor’s Office
- Colonel Scott Preston, U.S. Army Corps of Engineers – Tulsa District
- Kevin Low, National Weather Service – Missouri Basin River Forecast Center
- Jud Kneuvean, Chief, Readiness and Contingency Operations Office, U.S. Army Corps of Engineers – Kansas City District

3:00 p.m. - Break/Tour Exhibits

3:15 – 4:45 p.m. – Afternoon Breakout Session II:
Groundwater Topics: The Arbuckle Formation – Rex Buchanan, Director Emeritus, Kansas Geological Survey, Moderator
- Rick Miller and Dave Newell, Kansas Geological Survey
- Brian Clennan, Director of Public Works, City of Hutchinson
- Dana Wreath, Vice President, Berexco LLC

Reservoir Sediment Management – John Shelley, U.S. Army Corps of Engineers – Kansas City District, Moderator
- Professor Rollin Hotchkiss, Ph.D., Brigham Young University
- Joe Wagner, Wood Engineering
- Stan Ekren, Great Lakes Dredge and Dock Company, LLC

5:30 p.m. - Evening Social - (5:30 pm - 7 pm)

Friday, November 8, 2019
7:15 a.m. - Registration/Poster Set Up
7:15 a.m. - Breakfast with Barfield
- David Barfield, Chief Engineer, Kansas Department of Agriculture – Division of Water Resources

8:00 a.m. – Concurrent Sessions Begin

Concurrent Session Topics and Presentations/Presenters

DAY 2 PRESENTER PROGRAM STILL BEING FINALIZED

Playa Lakes
- Playas Recharging Kansas Communities – Mike Carter, Playa Lakes Joint Venture
- Kansas Playas – A Past & Future Resource – Jude Kastens, University of Kansas
- Restoring Playas - What’s It Look Like and Who Can Help? – Matt Hough, Ducks Unlimited
- Playas as Sources of Recharge to the High Plains Aquifer in Western Kansas – Randy Stotler, University of Kansas
Groundwater Characterization, Management and Conservation

- Transitioning to Non-Irrigated Crop Production in Southwest Kansas – Will We Have Another Dust Bowl? – Bill Golden, Kansas State University
- Conserving Ogallala Communities through Voluntary, Group Efforts to Manage Groundwater – Stephen Lauer – Kansas State University
- Potential for Mobile Drip Irrigation Technology to Reduce Water Use on Low Capacity Wells – Trevor Ahring, Southwest Groundwater Management District No. 3

Alternative Crops

- Industrial Hemp at K-State: Trying to Fill the Research Void – Jason Griffin, Kansas State University
- DropXL Sorghum, a simulation study to design crop trait technology for water productivity in Kansas environments – Rubi Raymundo, Kansas State University
- Cotton Production in Kansas - Stu Duncan, Kansas State University

Water and Human Health

- The Kansas Climate + Health Declaration – Rachel Myslivy, Climate + Energy Project
- Impacted Groundwater as a Source of Drinking Water: Design, Permitting and Regulatory Considerations for Potable End Use Groundwater Remediation Systems – Maria Vishnevskiy, Geosyntec Consultants
- Long-Term Water-Quality Data Collection Associated with Wichita’s Primary Drinking Water Sources: Cheney Reservoir and the Equus Beds Aquifer, South-Central Kansas, 1966–2019 – Mandy Stone, US Geological Survey

Water Quality Assessment and Implementation

- 2010-2019 Accomplishments of K-State’s Watershed Management Programs - Dan Devlin and Amanda Schielke, Kansas State University, KCARE

Municipal and Industrial Water Supply

- Proactive Asset Management Training- Getting Ahead of the Issues – Brian Bohnsack, Wichita State University
- Reducing your water system vulnerability....It’s not just a good idea, it’s the Law! – Sarah Tuite, Burns & McDonnell
- Smart Stormwater Solutions – Andy Sauer, Burns & McDonnell

2019 Flooding in Kansas

- Improving Situational Awareness with Real-time Flood Mapping in Kansas: Live Action from Spring 2019 - Jude Kastens, University of Kansas
- 2019 Flooding and the Impact on Water and Wastewater Facilities – A Boots on the Ground Perspective – Jason Solomon and Daryn Martin, Kansas Rural Water Association
- Summary of the 2019 Spring and Summer Kansas Flooding – Bradley Lukasz, USGS
- Water in Kansas State Parks – Linda Lanterman, Kansas Department of Wildlife, Parks, and Tourism
Bioengineered Solutions to Address Water Quality
• Are streambank stabilization systems really reducing sediment supply and reservoir sedimentation? – Kari Bigham, Kansas State University
• The use of Unmanned Aircraft Systems to assess streambank erosion and related engineering solution - Tony Layzell, Kansas Geological Survey
• Modeling Nutrient Removal in Constructed Wetlands Collecting Terraced Field Runoff – Edward Peltier, University of Kansas

Groundwater Management District Updates
• Equus Beds GMD 2 - Tim Boese, Manager
• Southwest Kansas GMD 3 Management Program Update – Mark Rude, Executive Director
• Northwest Kansas GMD 4 - Shannon Kenyon, District Manager
• Big Bend GMD 5 - Orrin Feril, Manager

Harmful Algal Blooms
• Harmful Blue-Green Algae Blooms in Kansas - Ted Harris, Kansas Biological Survey
• Harmful Algal Bloom Student Research Project in Cheney Reservoir - Maize High School
• 2019 Harmful Algal Bloom Season Overview - Pattie Haines-Lieber, Kansas Department of Health and Environment

Water Technology Farms Panel
• Ryan Goering, R&E Goering Farm
• Steve Schemm, Homeland Farm
• Weston McCary, Northwest Kansas Technical College

Education and Outreach
• Katie Burke, Agricultural Communications and Journalism, Kansas State University
• Shane Neel, Outreach Coordinator, Kansas Forest Service

Extreme Event Assessment & Planning
• Coordinated Drought Response in Missouri – Lessons Learned from the 2018 Drought – Jennifer Hoggatt, Missouri Department of Natural Resources
• Evaluation of Rainfall-Runoff Trends in Texas – with applications for Kansas water supplies? – Jordan Furnans, LRE Water

Groundwater Quality
• Fred Jones, Garden City Water Systems Manager
• Darrin Unruh, Pretty Prairie City Council

History and Future of the Garden City Company
• Troy Dumler, Manager, Garden City Company

Invasive Species
• Status and Impacts of Aquatic Nuisance Species in Kansas - Chris Steffen, Aquatic Nuisance Species Coordinator, Kansas Department of Wildlife, Parks and Tourism
**Deep Well Injection: The Arbuckle Formation**
- Deep-Injection Diversion Options - Isaac Wright, Biological and Agricultural Systems, Kansas State University and Lynelle Ladd, Pollution Prevention Institute, Kansas State University

**NRCS Rainfall Simulator**
- Dale Younker, Natural Resources Conservation Service

**Public Water Supply Reuse**
- The Changing Face of Water Supply – Jake White, Project Manager, Burns & McDonnell

**Wichita Regional Water Supply**
- Alan King, Director of Public Works & Utilities, City of Wichita

**Cargill Nebraska Irrigation Project**
- Mike Kondrath, Cargill

12:30 pm – Lunch

1:15 pm - Student Poster Awards
1:40 pm - Closing Speaker – Patty Clark, Deputy Secretary, Kansas Department of Commerce
2:20 pm - Closing Words - Earl Lewis, Acting Director, Kansas Water Office