

REGISTRATION

Name _____ Organization _____
 Mailing Address _____ Phone Number _____
 City/State/Zip _____
 Print Name(s) for Name Tag(s) _____

Amt. Enclosed \$ _____ Will Pay at Door

Please make check / money order payable to:

Caddo County Extension Office
 1202 East Central Blvd. Anadarko, OK 73005 • (405) 247-7638

Online registration available at:
oces.okstate.edu/caddo/oklahoma-irrigation-conference

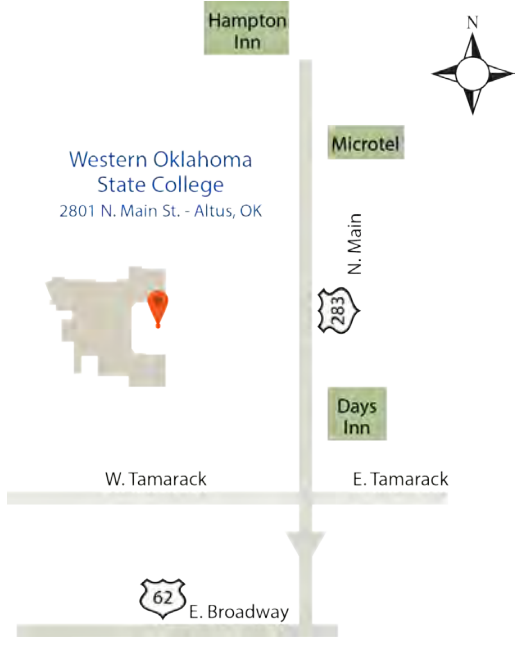
Registration fee covers lunch and refreshments during morning and afternoon breaks.



March 1, 2017
 Altus, OK
\$15 REGISTRATION PER PERSON
 Please respond by
February 24th, 2017.




Altus, Ok



For more information contact:
Caddo County Extension 405.247.7638

For online registration visit:
oces.okstate.edu/caddo/oklahoma-irrigation-conference

Oklahoma Irrigation Conference Committee
David Nowlin Saleh Taghvaeian Randy Boman Gary Strickland

Approved CEUs being offered:

- Irrigation Association: 4.5 Tier 1 CEUs
- Certified Crop Advisor: 5.0 CEUs (Soil & Water Management)



The 2017 Oklahoma Irrigation Conference brought to you by:
Oklahoma Cooperative Extension Service
Oklahoma Water Resources Center

Sponsors:
Lugert-Altus Irrigation District
Southwest Rural Electric Association
Public Service Company of Oklahoma

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OKLAHOMA IRRIGATION CONFERENCE



March 1, 2017

ALTUS, OK

WESTERN OKLAHOMA STATE COLLEGE




AGENDA

8:30 am

Registration - coffee and donuts

Morning Moderator - Gary Strickland

9:00 am

Welcome

David Nowlin

9:15 am

Lugert-Altus Irrigation District Update

Tom Buchanan

9:45 am

Threats to the Lugert-Altus Irrigation District

Tyson Ochsner

10:15 am

US Bureau of Reclamation Update on Activities and Programs

Nathan Kuhnert

10:45 am

Break

11:00 am

Crop Water Use and the Oklahoma Mesonet

Al Sutherland

11:30 am

Texas Alliance for Water Conservation: What Has Been Learned Over the Past 12 Years?

Rick Kellison

12:00 pm

Lunch and Industry Updates

Afternoon Moderator - David Nowlin

1:00 pm

Soil Salinity and Smart Irrigation Scheduling

Saleh Taghvaeian

1:30 pm

Results from the Texas Alliance for Water Conservation: Irrigation Sensors and Deficit Irrigation in Cotton

Jeff Pate

2:00 pm

High Plains Cotton Irrigation Research

Jim Bordovsky

2:30 pm

Break

2:45 pm

SWREC Furrow Irrigation Termination Project

Randy Boman

3:15 pm

Energy and Water Efficiency of Center-Pivot Systems

Scott Frazier

3:45 pm

Evaluation and Adjourn

OKLAHOMA IRRIGATION CONFERENCE



FEATURING

Randy Boman

Research Director and Cotton Extension Program Leader, OSU Southwest Research and Extension Center, OSU

Randy's major responsibilities are to work with the Cotton Team to develop and conduct Extension and applied research programs to inform Oklahoma producers as to best management practices for cotton production. They conduct cotton variety performance and applied research trials as necessary; develop educational materials relating to the information; and disseminate it to growers and Extension personnel by all appropriate means. An important function is serving as an information and materials source for area agronomists and Extension personnel in the state.



Jim Bordovsky

Research Engineer, Texas A&M Helms Research Farm

Jim is a senior research engineer and coordinator of research activities at the Texas A&M Helms Research Farm, Halfway TX. His current research focus is irrigation system design and management for water and energy conservation. He has had a major role in development and evaluation of the LEPA irrigation concept, and he has a well-recognized research program addressing optimizing limited irrigation crop production systems.



Tom Buchanan

General Manager, Lugert-Altus Irrigation District

Tom is a 1974 graduate of Altus High School. He graduated from the University of Oklahoma in 1979 with a bachelor of arts degree. He runs a cow-calf operation and grows wheat and irrigated cotton on his farm near Altus. He also raises cattle in a family partnership with his brother and sister. Mr. Buchanan serves as the general manager of the Lugert-Altus Irrigation District and represents irrigation water use interests as vice chairman of the Oklahoma Water Resources Board. He was elected president of Oklahoma Farm Bureau at the organization's 72nd annual meeting.



Scott Frazier

Associate Professor, Energy Management Extension Engineer, Oklahoma State University

Scott joined the Biosystems and Agricultural Engineering department in June 2008 on a research and Extension appointment. His background is Industrial Engineering specializing in resource and energy management. He worked for the electric utility industry on the East Coast conducting energy studies for the commercial and industrial sectors. His research efforts include energy management of agricultural systems such as irrigation and animal housing, life cycle assessment (LCA) of biofuels and bio-product production, and various energy related education topics.



Rick Kellison

Project Director, Texas Alliance for Water Conservation

Rick received his BS degree in animal business and MS degree in ruminant nutrition from Texas Tech University. He owns Silver Creek Farms, a registered cow/calf operation near Lockney. Mr. Kellison has served as the project director for the Texas Alliance for Water Conservation Program in the College of Agricultural Sciences and Natural Resources at Texas Tech University since 2005. His awards include the 2016 Outstanding Service to Agriculture Award of Merit from Gamma Sigma Delta at Texas Tech, the 2016 Texas Tech CASNR Research Staff Award, and the 2016 Texas Tech Chancellor's Staff Award of Excellence.



Nathan Kuhnert

Hydrologist, US Bureau of Reclamation

Nathan is a hydrologist with over 20 years' experience in water management and environmental compliance. He has evaluated the feasibility of produced water treatment technologies, coordinated the development of water management plans and has served on multiple advisory teams including an EPA Water Acquisition Technical Roundtable. Nathan began his career with Reclamation in 2016. Before that he played the lead role in building a water sustainability culture and enacting related policies for Devon Energy.



Tyson Ochsner

Associate Professor, Oklahoma State University

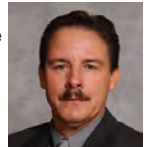
Tyson is a native of Chattanooga, OK and a professor of applied soil physics at OSU. He has a Ph.D. in Soil Science and Water Resources from Iowa State University. The mission of his research is to help people better understand and appreciate the soil, the soil water balance, and the surface energy balance so that we can more wisely manage and conserve the land and water with which we have been entrusted.



Jeff Pate

Extension Economist, Texas A&M AgriLife Extension Service

Jeff is an Extension Economist - Risk Management Specialist with the Texas A&M AgriLife Extension Service based in Lubbock. He joined the Texas A&M System in August of 2005. His activities focus on strategies for area producers in cooperation with the Texas Alliance for Water Conservation demonstration project. Mr. Pate's awards include the Blue Legacy Award, the Texas Environmental and Water Conservation Award, and the National Energy and Water Conservation Award. He has published numerous papers, journal articles, and posters all dealing with water conservation and the economics surrounding that conservation. Prior to his current position, Mr. Pate worked for several years in the banking industry. He also spent 12 years farming in the Lubbock area, after a 10 year period of teaching Agriculture Science. He holds a B.S. and a M.Ed. degree from Texas Tech University.



Al Sutherland

OSU Mesonet Agricultural Coordinator, National Weather Service

Al conducts agricultural and horticultural product development and extension outreach for the Oklahoma Mesonet. He has a Bachelor's degree in horticulture from Oregon State University, a Masters in horticulture from Ohio State University, and has worked for the No. 1 OSU, Oklahoma State University, since 1989. Al is a Certified Crop Advisor and Certified Professional Horticulturist. He is officed on the OU campus at the National Weather Center.



Saleh Taghvaeian

Assistant Professor and Extension Specialist, Oklahoma State University

Saleh is an assistant professor and extension specialist in water resources at the Department of Biosystems & Agricultural Engineering. Prior to joining OSU in Oct 2013 he was a postdoctoral fellow at Colorado State University, conducting research on deficit irrigation management. He received his PhD in Irrigation Engineering in 2011 from Utah State University. Saleh's research and extension interests include irrigation and drainage efficiency, using sensor technologies, and improving irrigation management.

