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TEXAS CHAPTER ASFMRA
FALL 2014 GENERAL MEMBERSHIP MEETING
& CONTINUING EDUCATION

NEW FACTORS AFFECTING RURAL LAND: Agricultural
Research, Mapping Systems, Water Development &
Condemnation Law

Thursday, Oct 2 & Friday, Oct 3, 2014

**HAMPTON INN UVALDE TEXAS
2714 East Main Street**

**SSGT. WILLIE de LEON CIVIC CENTER
300 East Main Street**

CACTUS COMMUNITY ROOM for Non-Profit Events

The Texas Chapter will meet in Uvalde, Texas for our 2014 Fall Chapter Meeting and Continuing Education. We will be offering a two-day seminar entitled **New Factors Affecting Rural Land: Agricultural Research, Mapping Systems, Water Development and Condemnation Law**. The Program Committee, led by President-Elect John Hodges, ARA, has put together a program with multiple speakers.

A block of rooms have been reserved at the Hampton Inn & Suites. Double Queen rooms are \$94/night and King rooms are \$99/night. Please ask for the Texas Chapter ASFMRA block. Reservations must be made by Monday, September 22, 2014. The hospitality suite will be located in this hotel.

The seminar will be hosted in the Uvalde Civic Center, just up the road from the hotel. On Thursday evening, we will host the Texas Chapter dinner. The Texas Chapter membership meeting will be after dinner which will include the Officer and Director Installation for 2015.

Hope to see you there!

NEW FACTORS AFFECTING RURAL LAND: Agricultural Research, Mapping Systems, Water Development & Condemnation Law

PROGRAM SCHEDULE

OCTOBER 2, 2014 (THURSDAY)	
TIME	SCHEDULED PROGRAM
7:30 - 8:00	Registration: Carmen Bierschwale
8:00 - 9:10	Dr. Travis Whitney (Texas A&M AgriLife Research) Wood to Feed Program
9:10 - 10:15	Donnie Frels (TX Parks & Wildlife) Development of Toxic Baits for Feral Hog Control
10:15 - 10:30	Break
10:30 - 12:00	Gaye Greever McElwain (RR Commission) Navigating the Public GIS Map Viewers
12:00 - 1:00	Lunch Break (On Your Own)
1:00 - 1:50	Sterling Harris (General Land Office) Texas General Land Office's GIS Systems
1:50 - 2:40	Kevin Morrison (SAWS) Desalination Projects of the San Antonio Water System
2:40 - 3:00	Break
3:00 - 4:00	Dr. Daniel Leskovar, (Texas A&M AgriLife Research) Water Conservation for Drought Mitigation
4:00 - 4:50	Jay Carnes (Winter Garden Produce, Inc.) Growing & Shipping Fresh Produce
5:00 - 6:30	Hospitality Suite Open
6:30 - 9:00	Chapter Dinner / Chapter Business Meeting

OCTOBER 3, 2014 (FRIDAY)	
TIME	SCHEDULED PROGRAM
8:00 - 8:50	Dr. Rob Hogan (Texas A&M AgriLife Extension Service) VISPO, an Edwards Aquifer Program
8:50 - 9:40	Doug Shaw (TX Water Development Board) Texas State Water Resource Planning
9:40 - 10:00	Break
10:00 - 11:00	Bob Zaiglin (Wildlife Biologist) Assessment of Intensive Deer Management
11:00 - 12:00	Dr. Harold Hunt (RE Center/TX A&M University) Unconventional Oil & Gas Activity & Its Implications for TX RE

This is a one-time seminar offered by the Texas Chapter of the American Society of Rural Appraisers and Farm Managers. ASFMR recognizes this seminar as 12.0 hours of Continuing Education. The seminar also complies with the Texas Appraiser Licensing and Certification Board (TALCB) for 12.0 hours of Appraiser Continuing Education (ACE). The schedule is subject to change depending on the speakers.

Dr. Travis Whitney, Wood to Feed Program

Dr. Whitney is an Associate Professor, Ruminant Nutritionist, and project leader for the Texas AgriLife Research Nutrition Laboratory, San Angelo. He is a faculty member of the animal nutrition section in the Department of Animal Science and adjunct faculty for Angelo State Univ. (San Angelo) and Tarleton State Univ. (Stephenville). He received a bachelor's degree in Animal Science from Southwest Texas State University, a master's degree in Agricultural Education from Texas A&M University, and a doctorate degree in Animal Science (Ruminant Nutrition) from the University of Arizona. After receiving his Master's degree, he taught Animal Science classes at Palo Alto College (San Antonio) and did postdoctoral research at Montana State University (Bozeman) prior to his appointment in San Angelo.

Evaluate how various diets affect animal production, rumen and whole body metabolism, and fiber and carcass characteristics of sheep and goats. Trials are conducted both in the field and in feedlot settings. The main objectives of his program are to increase production efficiency, evaluate alternative feed ingredients and underutilized forages, and enhance wool, mohair and carcass characteristics. This interdisciplinary research program is directed toward helping producers (especially in the Edward's Plateau Region of Texas) make informed management decisions regarding feeding and supplementing livestock.

Donnie Frels, Feral Hog Toxicant Research

Donnie Frels works for Texas Parks and Wildlife at the Kerr Wildlife Management area.

Biologists at the Kerr Wildlife Management Area near Hunt, TX have been investigating the use of sodium nitrite as a feral hog toxicant for several years. After some initial tests on non-target mortality, TPWD constructed a research facility capable of conducting actual toxic bait trials on wild hogs at the Kerr WMA. Research has been an international effort involving partners from the National Wildlife Research Center in Colorado, fellow researchers in Australia and New Zealand, and Wildlife Services - but most funding has been acquired through grants from the Texas Department of Agriculture. Preliminary results have been highly variable, but proving worthy of additional bait development. Sodium nitrite has very favorable attributes as a toxicant (safe in environment, humane, currently registered as a human food preservative) it is also very unstable and readily reacts with moisture thus decreasing potency - along with a very salty flavor unpalatable to pigs. Additional funding has recently been requested which will allow further bait development. Of course, EPA registration is the ultimate goal, but will prove a lengthy process.

Gaye Greever McElwain, Texas Railroad Commission's GIS system

Gaye McElwain is the public Outreach Information Officer at the Railroad Commission of Texas. Previous appointments include Director of Marketing and Communications for the Texas Commission of Fine Arts, and Product Manager at Danka Omnifax. Mrs. McElwain has a bachelors degree from Texas Tech University and a Masters Degree from the University of Oklahoma.

The Railroad Commission of Texas' geographic information system combines detailed information and location coordinates for oil wells, gas wells, and pipelines from the Commission's files with base map data captured from U.S. Geological Survey 7.5 minute quadrangle maps. The database accessed by the Public GIS viewers is updated nightly and contains information on GIS layers, such as wells and pipelines. Session attendees will learn how to navigate the map and its many features to search property for producing and plugged wells, pipelines, disposal wells, and more. Information on the Commission's Pipeline Safety Division will also be included.

Sterling Harris, Texas General Land Office's GIS Systems

Sterling Harris is the GIS manager at the Texas Land Office. He has been with the GLO since 1986 (28 years). Sterling has a bachelor degree from Sull Ross State University. Historically, Texans have turned to the Texas General Land Office for maps and other tools used to organize information about the natural resources this state has to offer. Besides historical maps, research, and data, the land office today uses Geographic Information Systems (GIS), global positioning systems (GPS), and computer-aided design (CAD) systems to compile, analyze, and distribute the most accurate information possible about the location of natural and human-made resources. These tools support the business functions of the General Land Office and serve as critical tools in the study and protection of our state's valued resources.

The Land Office website contains a collection of dynamic interactive mapping websites that give Texans access to the vast collection of spatial data available at the agency.

Kevin Morrison, Desalination projects of the San Antonio Water System

The brackish desalination program is part of SAWS 2009 Water Management Plan, designed to meet San Antonio's water needs over the next 50 years. With the first phase of the project scheduled to come on line in 2016, the facility will produce about 10 million gallons of new water each day. The second phase, projected to come on line in 2021, will bring another 10 million gallons per day to San Antonio, and the final phase in 2026 will provide an additional 5 million gallons per day – for a grand total of 25 million gallons per day.

Kevin is a Project Coordinator at the San Antonio Water System. Kevin has a Bachelor of Science in Geology from the University of Texas at Austin.

The San Antonio Water System began development of the brackish groundwater desalination program in late 2005. This presentation will provide an overview of the history of the project, the basics of the reverse osmosis process, the concentrate (brine) disposal options that SAWS considered, and a summary of the geology in SAWS project area. The presentation will also provide basic cost information, the details of the procurement method SAWS selected, and current project construction progress.

Dr. Rob Hogan, "VISPO- You mean I Can Have My Cake and Eat It Too"

VISPO is an Edwards Aquifer program where producers can pledge a number of acre feet of water to a management board in exchange for a partial payment. On a specified date, based on aquifer levels, that board will either release the water back to producers for them to use (they keep the partial payment collected), or the board will make final payment to the producers for not using the water.

Dr. Robert "Rob" Hogan is an Associate Professor and Extension Economist, Texas A&M AgriLife Extension, District 10 stationed at the Texas A&M Research & Extension Center in Uvalde. Rob was raised on a family farm and ranch in the Panhandle of Texas, east of Amarillo. He earned a B.S. in agricultural economics from Oklahoma State University (1972). Rob received his Ph.D. in 2003 in agricultural economics with specialties in livestock marketing and production economics. As the District Economist, his responsibilities include presentation of economically related information and applied research in management, marketing, and policy for stakeholders in Southwest Texas such as farmers and ranchers, merchandisers, processors, and lenders. He is a member of the American Agricultural Economics Association, Southern Agricultural Economics Association, and Western Agricultural Economics Association.

J. Allen Carnes, Winter Garden Produce, Inc

Operating both as a grower and shipper of fresh produce, Winter Garden Produce Inc. ships cabbage, broccoli and onions statewide and across the nation. Although Winter Garden Produce began shipping vegetables in 1992, this family owned business includes a farming operation stretching back three generations and dating back to 1950.

J Allen Carnes', grandfather D.C. Carnes started the family business in 1949 just outside of Uvalde in the southwest central part of the state known as the Winter Garden — the area that gave the family business its name. About 30 years ago, the family built a cotton gin, its first foray away from family farming. They are still majority owners in that business. That venture went so well the decision was made to incorporate Winter Garden Produce in 1992, buying an existing shed and going into the shipping business. After D.C. Carnes passed away in the mid-1990s, J Allen Carnes came back home and went into the business he now operates with his father, Eddy Carnes

Dr. Daniel Leskovar, Water Conservation for Drought Mitigation

Professor and Resident Research Director at the Texas A&M AgriLife Research and Extension Center in Uvalde, TX. Dr. Leskovar does considerable work with vegetable crops and crop water usage studies including continued work several lysimeters.

Doug Shaw, Texas State Water Resource Planning

Doug the Agriculture and Rural Texas Ombudsman with the Texas Water Development Board. The Texas Water Development Board's (TWDB) mission is to provide leadership, information, education, and support for planning, financial assistance, and outreach for the conservation and responsible development of water for Texas. TWDB's mission is a vital part of Texas' overall vision and its mission and goals which relate to maintaining the viability of the state's natural resources, health and economic development. To accomplish its goals of planning for the state's water resources and for providing affordable water and wastewater services, the TWDB provides water planning, data collection and dissemination, financial assistance and technical assistance services to the citizens of Texas. The tremendous population growth that the state has and will continue to experience, and the continual threat of severe drought, only intensify the need for the TWDB to accomplish its goals in an effective and efficient manner.

Doug has a bachelor and Master's degree from Tarleton State University.

Bob Zaiglin, Wildlife & Fish Management

Bob Zaiglin is a wildlife biologist and is involved with several entities. He is currently the Department Chair for the Wildlife Management program at Southwest Texas Junior College, a contributing writer or editor for Universal Hunter Magazine, TDA Tracks Magazine, Huntingnet.com, Deer and Deer Hunting, Texas Outdoor Journal. Bob is also the owner and manager of Zaiglins Wildlife Resource Management, and oversees all aspect of wildlife and fish management on approximately 200,000 acres on 7 ranches.

Bob has a BS in Wildlife Science from West Virginia University, and an MS in Range and Wildlife management from Texas A&M-Kingsville.

Subject matter includes the assessment of basic biological proven facts on deer management to the application of advanced non-traditional tools such as transplanting wild deer to capitalizing on select sires isolated in small pens on a temporary basis with as many as twenty females released back into the wild following the breeding season. The utilization of genetically manipulated deer in licensed deer propagation facilities will also be discussed.

Dr. Harold Hunt, Unconventional Oil and Gas Activity and Its Implications for Texas Real Estate

Dr. Harold Hunt is a native of Thibodaux, Louisiana, a small town located about 45 miles southwest of New Orleans. He earned his B.S., M.S. and Ph.D. degrees from Texas A&M University. Before obtaining his Ph.D., Dr. Hunt worked as a commercial real estate appraiser for McCracken and Associates in Dallas, Texas. He currently holds an appointment as a Research Economist with the Real Estate Center located in the Mays Business School at Texas A&M.

At the Center, Dr. Hunt has been involved in research examining economic development, transportation, manufactured housing, oil & gas activity and a broad array of other special topics that affect Texas real estate markets. Dr. Hunt has been published in the Journal of Housing Research and the Journal of Real Estate Research.

Oil and gas activity in Texas is doing well at the moment. However, investors want to know if this oil boom is sustainable, or if it will soon turn out to be another bust like the 1980's. This presentation looks at a number of factors addressing the possible length of this round of O&G activity in Texas.