



FRIDAY, MARCH 1ST, 2019

TEXAS & NEW MEXICO YOUNG SURVEYORS MEETING

2019 TSPS Symposium

Please join us for this year's Spring NMYS Meeting held in conjunction with the Texas Young Surveyors at the 2019 TSPS Symposium held on March 1st & 2nd, 2019. The Texas and New Mexico Young Surveyors Meeting will take place Friday, March 1 from 5:15 to 7:30pm. Following the meeting you are invited to attend the Symposium "Cervezas Y Saludos" - Meet & Greet on the hotel patio. Please RSVP by Tuesday, February 26 to jamesd.combs@gmail.com.



**Friday, March 1st
Oakwood Room
(5:15 TO 7:30 PM)**

SESSIONS

**Young Surveyors
General Discussion
(5:15 – 5:45)**

**Panel Discussion
with Chris Pappas,
Glen Thurow, Bill
O'Hara, John Barnard
and Heather Sides
(5:45 – 6:45)**

**USA Quadrangles
Presentation
by Dr. Kurt Wurm
(6:45 – 7:30)**

2019 TSPS SYMPOSIUM

March 1 & 2, 2019

*Wyndham El Paso Airport
Hotel*

*2027 Airway Boulevard
El Paso, TX 79925*

Contact
jamesd.combs@gmail.com

Heather Sides, RPLS, PLS, CFedS

With over 20 years of experience in the surveying industry, Heather was registered in Texas in 2007. She became a Certified Federal Surveyor (CFedS) in 2014. In 2015, she also became registered in North Dakota. Heather has surveying experience in land development including commercial, residential, and municipality sites; energy sectors including upstream, midstream, solar and wind farms; and transportation survey projects. She leads a team of seven Registered Professional Land Surveyors, three Surveyors-in-Training, multiple crews, and support staff in the West Houston area. She also helps support the other LJA Surveying office throughout the state. She demonstrates her passion for education by hosting weekly study groups for Certified Survey Technician, Survey-In-Training, and Registered Professional Land Surveyor applicants. As the Symposium & Seminars Chair, Convention Co-Chair, and Course Development for the TSPS Education Committee, Heather was involved in the education of many TSPS members.

William D. "Bill" O'Hara, RPLS, LSLs

Bill O'Hara began his land surveying career in 1981 as a chainman on a surveying crew following his honorable discharge from the United States Air Force. He spent the next 18 years completing his land surveying degree, working in both the private and public sectors, and obtaining the two Texas professional surveying licenses. In 1999 he joined Loomis Austin (now Bowman Consulting) to start up the Surveying Department and was able to put together a versatile, talented, successful team of surveyors. Bill accepted the offer by Texas Land Commissioner Jerry Patterson to be his Director of Surveying and Chief Surveyor at the Texas General Land Office in 2006 where he served until 2015. Bill returned to Bowman Consulting in August 2015 as a Senior Survey Project Manager. On June 1, 2016, Bill started a private surveying practice to call on his vast experience in various types of surveying services and focus on complex boundary surveys, land title issues, gradient boundary surveys, coastal boundary surveys, riparian and littoral boundary issues, and "official" surveys for the Texas General Land Office.

Chris J. Pappas, PS

Chris J. Pappas is licensed land surveyor in the States of New Mexico and Virginia. He is presently the Field Survey manager for the General Office of the NMDOT. He holds a B.S. degree in Surveying from NMSU and has been in the surveying business since 1992. Mr. Pappas is a member and past president of the New Mexico Professional Surveyors (NMPS), New Mexico Director of National Society of Professional Surveyors (NSPS) and formerly on the Board for the Virginia Association of Surveyors.

Glen Thurow, PS, CFedS

Mr. Thurow has been licensed in New Mexico since 1991 and is currently an Assistant Project Manager for Maser Consulting. He also is a Certified Federal Surveyor. He is the owner of Land Links Consulting Service, a surveying and geospatial development firm in Albuquerque, NM. Prior to his current position he was vice-president for Geographic Coordinate Data Base development at Premier Geospatial, Inc. and oversaw projects in the development of the Cadastral National Spatial Data Infrastructure. Glen has also taught surveying and Geographic Information Systems courses at the Central New Mexico Community College and is a former chair of the Surveying Engineering Industrial Advisory Committee to the surveying program at New Mexico State University. He is a past-president of the New Mexico Professional Surveyors and was honored as the NM Surveyor of the Year in 2003. He served as the state lobbyist for NMPS from 2000 to 2006. Mr. Thurow was also the NSPS governor for New Mexico from 2009 to 2014. He was one of the founding directors of the New Mexico Professional Surveyors Educational Foundation and was appointed to the New Mexico Board of Licensure for Professional Engineers and Professional Surveyors in 2013. Glen currently serves on the NCEES Examination Professional Surveying Committee and is a past member of the NCEES Law Enforcement and Education Committees. He is also developing online training materials for the NSPS Certified Survey Technician program.

John Barnard, RPLS

John Barnard is a Principal and Western US Regional Survey Manager with Bowman Consulting. He has over 20 years of land surveying experience, beginning as a rodman with Metcalfe and Sanders in Austin, Texas. John joined the surveying staff of Bowman Consulting in May of 2004 and has supervised and performed a wide range of boundary surveys, engineering design surveys, bathymetric surveys and construction control surveys for private and public sector clients across the State of Texas. From 2007 to 2014 John was an adjunct faculty member in the Geomatics and Land Surveying Technology Department at Austin Community College. In 2012, John was named Surveyor of the Year by the Texas Society of Professional Surveyors. John is currently serving the Texas Board of Professional Land Surveying as chairman of the Cut-off Score Advisory Committee and the Texas Society of Professional Surveyors as its President.

Kurt B. Wurm, B.S, M.S, Ph.D.

Dr. Wurm's educational background includes a B.S. in Surveying from Ferris State College in Big Rapids, Michigan. He earned an M.S. and Ph.D. in Spatial Information Science and Engineering at the University of Maine, with a minor in adult and continuing education. His area of research is concerned with the development and long-term maintenance of the national cadastre. His career includes many years of employment with the USDI, Bureau of Land Management as a professional land surveyor. He has extensive expertise in the U.S. Public Land Survey System, boundary surveying, digital spatial databases, and computer application development. He is a licensed professional land surveyor in New Mexico and Montana. Dr. Wurm is an Associate Professor in the Geomatics and Surveying Engineering programs at New Mexico State University. He is a member of the National Society of Professional Surveyors, New Mexico Professional Surveyors, and the American Society for Engineering Education.

USA Quadrangles Presentation

This presentation is related to the significance of the Map Reference Code (MRC). In this short seminar we will present an abbreviated history of the USGS mapping program, along with the products available to us today. This will include the vector graphics used in modern GIS (DLG's) as well as the lesser known scans of actual paper maps known as Digital Raster Graphics (DRG's). Focusing on the DRG's, we will present an understanding of the margin data not present in the DLG's, as an aid to the surveyor for field reconnaissance and mission planning. In addition, each participant will be given a windows-based software allowing you to download, retrieve and plot copies of all 7 ½' minute quadrangles in the continental USA (over 50,000 maps) for your own use.