

Missouri Society of Professional Engineers and American Society of Civil Engineers

November Joint Luncheon

Tuesday, November 13, 2018

The Good Side of the City – Outstanding St. Louis Engineer Stories

Abstract: This Luncheon will highlight two historic local Engineers.

Wesley W. Horner was a prominent civil engineer specializing in urban hydrology and hydraulics. He was described as one of "the three wise men" in the 1930's hydrology by Victor Mockus, another prominent engineer of that era. He was President of ASCE (1946) and the Wesley W. Horner Award was instituted in his honor in 1968 to recognize papers that make valuable contributions to the profession in the disciplines of hydrology, urban drainage, or sewerage. Highlights of the presentation include: Mr. Horner's design of the River Des Peres Drainage Project; His research and technical papers on the subject of rainfall and runoff; His work for St. Louis' Lambert Field which acquired for Mr. Horner a national reputation as an expert in airports and airport drainage.

Leif J. Sverdrup was an outstanding Missouri Civil and Military Engineer and Bridge Builder. In 1928 he and his former civil engineering Professor John I. Parcel formed Sverdrup & Parcel Consulting Engineers. In Oct. 1941, the War Department hired Sverdrup & Parcel to work across the Central Pacific. By the end of the war MacArthur personally decorated Major General Leif Sverdrup with the Distinguished Service Cross stating, "This is the engineer soldier at his best." In the 1960s, Sverdrup Civil managed the design and construction of the parallel trestles of the Chesapeake Bay Bridge-Tunnel (CBBT). The CBBT was the largest in the world after completion. In 1976 Leif J. Sverdrup died, his obituary and picture were on the cover of the *St. Louis Post Dispatch* titled, "Gen. Sverdrup Dies; Civic and Business Leader."

About the Presenters:

Steven Randolph, PE: Steve is a 23-year employee of Horner & Shifrin where he began his career in St. Louis after graduating from Washington University with a degree in Civil Engineering. In 2001, he received his MBA from Webster University. In 2015, Steve moved to Chicago to help open a branch office there. He is on the Board of EWRI's Chicago Chapter and his ASCE duties have included a term as President of the St. Louis Section, chairperson of that Section's Diversity and Inclusion Committee, and a participant in ASCE's Legislative Fly-In. He is a Certified Professional in Erosion and Sediment Control (CPESC) and a member of the Illinois Association for Floodplain and Stormwater Management.

Michael T. Buechter, PE, D.WRE: Michael is a Program Manager with the Metropolitan St. Louis Sewer District. He joined the District in 2003 and has been involved in the Municipal Separate Storm Sewer System (MS4) Program, Green Infrastructure, trenchless technology and private inflow reduction projects. Michael received his BSCE degree from Missouri S&T and his MSCE degree from Oklahoma State University. He is a past Director of the Engineers' Club of St. Louis, Past-President of the local section of ASCE, Past-Chairman of the local chapter of EWRI and current President of the St. Louis Chapter of the Missouri Society of Professional Engineers as well as a member of the EWRI of ASCE Governing Board.

Time, Date, Location

11:30am to 1:00pm, November 13, 2018, at the Engineering Center, 4359 Lindell, St. Louis 63018.

Registration starts at 11:30am and lunch is served at 11:45am. The program will begin promptly at 12:00pm. One (1) PDH is available.

Cost

\$15/person, students and members in transition \$5 (checks payable to ASCE)

Registration

Please register and pay online using the link below for reservations by 5:00pm, Thursday, November 8, 2018. Please note that we will no longer be accepting event registration though the Engineering Center, and you must register online. If you wish to pay at the door, select the "pay by check" method of payment on the online registration page. If you've signed up and can't make it, please cancel by Friday before the meeting or we may have to charge you for the meal.

<https://goo.gl/Z7bd3D>