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KGEG
Kentucky Geotechnical Engineering Group

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When: **Thursday, July 18, 2019**
>5:15 PM – 5:30 PM: Fill Plates for Dinner
>5:30 PM – 6:00 PM: Dinner, Announcements, Speaker Introduction
>6:00 PM – 6:30 PM: Presentation and Questions
>6:30 PM: Adjourn

Where: Kentucky Engineering Center
> 160 Democrat Dr.
> Frankfort, KY 40601

Speaker: Yazen Khasawneh, Ph.D., P.E.

Topic: "Distress of a Large Diameter Underground Shaft"

Speaker Bio:

Dr. Khasawneh is the Geotechnical Engineering Department Manager in the Louisville, Kentucky office of Terracon. He has over 18 years of experience, in the U.S. and overseas, in geotechnical and geostructural engineering, design of underground structures, and forensic geotechnical engineering. Dr. Khasawneh earned his BS., MS., and Ph.D., from Jordan University of Science and Technology, University of Illinois at Urbana-Champaign, and Purdue University, respectively.

At Terracon, Dr. Khasawneh provides management and technical support on a wide variety of projects and is currently working with other Terracon managers on establishing a center of excellence for Geo and geostructural design for the region. Dr. Khasawneh's experience includes coupled thermal displacement analyses of bridges, forensic analysis of failed underground structures, tunneling in soft ground and rock, 2-D and 3D finite element analysis, distinct element analysis, extended finite element analysis, data analysis of CPTs and Pressuremeter tests, retrofit design for failing underground structures, instrumentation program management, seismic site studies, machine foundations, rock blasting design, construction vibration studies, onshore and offshore geotechnical investigation and analysis, seismic tests, slope stability, feasibility studies, temporary earth retention systems design, staged construction.

Dr. Khasawneh serves in various technical committees within GI and DFI (Soil Properties and Modeling, SP&M Special Project Subcommittee, Computational Geotechnics, Seismic & Lateral Loads, Thermal Foundations, Slope Stabilization), he served as sessions' chair and co-chair for national technical conferences and serves as reviewers for technical journals and conferences. Dr. Khasawneh authored and co-authored several publications on geotechnical and geostructural studies and delivered several talks/ presentations on various geotechnical problems.

<u>Announcements:</u>
- Treasurer's Report
- ORVSS 2019 Planning – Update from Dr. Hagerty
  Event Date - November 13, 2019
  Location: Louisville, KY (Brown Williamson Club-Cardinal Stadium)
  Topic: 50 Years of Geoprogress
- *Short Course Planning – January 2020*
- *Next proposed meeting:*
  October 17, 2019 (Thursday)

Kentucky Geotechnical Engineering Group (KGEG)
Meeting Sign-in Sheet
Thursday, July 18, 2019

Name (print)	Sign	Company	Email
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