

Wednesday, January 11, 2017

Black Lab Pub, Churchill Room • 4100 Montrose Blvd.  
Social 5:30 p.m., Dinner 6:30 p.m.

# HGS Environmental & Engineering Dinner Meeting

**Cost: \$30 Preregistered members; \$35 non-members/walk-ups**

**To guarantee a seat, pre-register on the HGS website & pre-pay by credit card.**

**Pre-registration without payment will not be accepted.**

**Walk-ups may pay at the door if extra seats are available.**

*If you are an Active or Associate Member who is unemployed and would like to attend this meeting, please call the HGS office for a discounted registration cost. We are also seeking members to volunteer at the registration desk for this and other events.*

*Gordon S. Magenheim  
GHD*

## ETHICS MOMENT

We will dedicate 15 minutes at the beginning of each meeting to ethics to apply towards 0.25 hours of ethics credit.

## Field Safety at Environmental Assessment and Remediation Sites: The Use of Situational Awareness and Operational Discipline in Combating the Normalization of Deviance

When conducting environment site assessments and remediation projects, field crew health and safety should always be a primary concern of project managers and site supervisors. This is true during the planning phase, during the actual execution of project tasks, and throughout the duration of the project.

On a daily basis, field crews confront a variety of situations where their safety may be adversely impacted by the behavior of their co-workers. These adverse behaviors often start imperceptibly, but over time become generally-accepted or “normalized” deviant behaviors.

The importance of maintaining situational awareness during all field activities completed at a site as well as retaining the operational discipline for each and every task, are the key components to minimizing or even perhaps eliminating, the normalization of deviance at field project sites. Several examples illustrating the use of operational discipline will be discussed during this presentation. ■

### Biographical Sketch

**GORDON S. MAGENHEIM** is the MidContinent Regional Safety and Health Manager for GHD (formerly Conestoga-Rovers & Associates) in Houston. He is responsible for approximately 250 GHD employees at ten offices located in Oklahoma and Texas. Gordon is a registered/licensed professional geologist in 14 states as well as a Certified Professional Geologist, a Certified Hazardous Materials Manager, and a Construction Health and Safety Technician. Over his 38-year career, he has worked on a variety of environmental and remediation projects including early career experience as a lignite and coal-mining geologist in Texas and the Powder River Basin of Montana and Wyoming. Concurrent with his career as a professional geologist and safety technician, Gordon completed 28 years of active duty and reserve service as a commissioned officer in the U.S. Army, with his initial branch classification as a Corps of Engineers officer. Gordon holds a BA in Geology from the State University of New York at New Paltz, a MS in Environmental Science from the University of Houston at Clear Lake, and a MA in Emergency and Disaster Management from the American Military University.

