

# Hydrocarbon Site Management

## VIRTUAL WORKSHOP

Presented by  
the Oklahoma Ground Water Association

**Every Wednesday of  
January 2021**  
(Jan. 6, 13, 20, 27)

**9 - 11 a.m. CT**

**Cost:**  
\$80 for OGWA members  
\$160 for non-members

Workshop will provide 8 hours of  
CEUs, approved by the Oklahoma  
Corporation Commission.

For more information and to register, visit:  
[cas.okstate.edu/ogwa.html](https://cas.okstate.edu/ogwa.html)

### WEEK 1

**High Resolution Site  
Characterization**

### WEEK 2

**Alternative Sampling**

### WEEK 3

**Extracting Value from Data**

### WEEK 4

**Remediation Approaches**

Online training hosted by Oklahoma State University's learning management system.



## Jan. 6 — HRSC: High Resolution Site Characterization

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9:00 a.m. **OIP and MIP: Direct Push Logging Methods for Investigation of Fuel Hydrocarbon Impacted Facilities**

Wes McCall - Geoprobe Systems

10:00 a.m. **Electrical Hydrogeology of Hydrocarbon Impacts**

Todd Halihan - Oklahoma State University, Boone Pickens School of Geology

## Jan. 13 — Alternative Sampling

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9:00 a.m. **Natural Source Zone Depletion: An Important Tool to Manage Petroleum and LNAPL Contaminated Sites**

Julio Zimbron - E-Flux

9:40 a.m. **Molecular Biological Tools: Actionable data for petroleum hydrocarbon remediation**

Dora Taggart - Microbial Insights, Inc.

10:20 a.m. **Using Radon as a Tracer for Mapping NAPL Contamination**

Stephen Sadler - Durrige UK Ltd.

## Jan. 20 — Extracting Value from Data

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9:00 a.m. **Groundwater Plume Stability Analysis at Petroleum Hydrocarbon Sites**

Joe Ricker - EarthCon

10:00 a.m. **Using Parsimony to Address Common Real-world Contaminant Problems Under Conditions of Uncertainty**

Don Siegel - Independent Environmental Scientists, Inc.

## Jan. 27 — Remediation Approaches

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9:00 a.m. **Thermal Remediation of VOCs, SVOCs and PFAS**

Mark Kluger - TRS Group, Inc.

9:30 a.m. **Remediation of Inaccessible Plumes Using Horizontal Wells**

Lance Robinson - En Rx

10:00 a.m. **Dissolved Phase Bioremediation of Petroleum Hydrocarbon Sites**

Gary Birk - Tersus Environmental, LLC

10:30 a.m. **SEAR Surfactant Enhanced Aquifer Remediation**

David Alden - Tersus Environmental, LLC

## Would you/your company like to have a vendor/exhibitor virtual booth?

To claim your booth, go to [cas.okstate.edu/ogwa.html](https://cas.okstate.edu/ogwa.html) or email [caspdo@okstate.edu](mailto:caspdo@okstate.edu)

### **\$250 Booth**

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- Logo on workshop home page
- Vendor page (example posted on website)
- Complete participant list after event

### **\$500 Booth**

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- Logo on workshop home page
- Vendor page (example posted on website)
- Complete participant list after event
- Live, customized webinar/chat