

HalfMoon Education Live Continuing Education Webinars

# PFAS and Other Persistent Organic Pollutants

**Online - Monday, July 10, 2023 | 8:30 am - 3:20 pm CDT**

**Credits:**

Engineers: 6.0 PDHs      Architects: 6.0 HSW CE Hours  
AIA: 6.0 LU/HSW      Landscape Architects: 6.0 HSW CE Hours  
LA CES: 6.0 HSW PDHs      Certified Planners: CM I 6

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AIA  
Continuing  
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## Science, History and Pervasiveness of PFAS

Composition and characteristics of PFAS:

PFOS, PFOA and others

Sources of PFAS: textiles, coatings, fire protection chemicals

PFAS toxicity and persistence

Phase-out of PFAS

Next-generation chemicals and their problems

## PFAS Litigation Risks: Understanding Regulatory and Litigation Trends

Understanding SDWA and CERCLA current and future framework

Understanding current PFAS litigation landscape and future trends based on future regulations

ASTM revised standards for PFAS

Potential risks to architects, planners, and engineers from PFAS litigation issues

## Finding and Treating PFAS in Solid Wastes and Soils

Localized PFAS contamination

Presence of PFAS in solid waste

Treatment in solid waste: incineration, thermal treatment

Locating contaminated soils

Treatment of contaminated soils

- Excavation and offsite disposal

## Finding and Treating PFAS in Water Resources and Wastewater

PFAS in water: groundwater, surface water and wastewater

Drinking water standards

Water supply treatment

- Groundwater extraction
- Pumping and treating
- Adsorption, chemical oxidation, membrane filtration, sonochemical treatment

## Deploy Data to Solve the PFAS Problem

Detect, measure, track, remediate, monitor

- The steps progress linearly

- Scale grows exponentially

The role of quantum computing

- What is it?

- How might we deploy it?

The promise of molecular engineering

- What is it?

- How might we deploy it?

The role of a DPaaS, or data platform as a service

- What is it?

- Why would we deploy it?

## Presented by Eric Hanis, PG

*President/Principal Geologist at Hanis Consulting*

**John Gardella** *Attorney at CMBG3 Law*

**Kobe Nagar, PE** *CEO of 374Water*

## Chuck Meek

*PFAS R+D Program Lead for Cambium Analytica*

## Tuition

**\$319** for individual registration

**\$289** for two or more registrants from the same company at the same time.

**Included with your registration:** PDF seminar manual.

## Can't Attend? Order the Webinar as an On-Demand Package!

Recordings of this webinar are available for purchase. See details online for more information.

## Credit Information

This webinar is open to the public and is designed to qualify for 6.0 PDHs for professional engineers, 6.0 HSW continuing education hours for licensed architects, and 6.0 HSW continuing education hours for landscape architects in all states that allow this learning method. Please refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700) and North Carolina (S-0130). HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2)). Other states do not preapprove continuing education providers or courses.

The American Institute of Architects Continuing Education System has approved this course for 6.0 HSW LUs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The Landscape Architecture Continuing Education System has approved this course for 6.0 HSW PDHs. Only full participation is reportable to the LA CES.

HalfMoon Education is an approved CM Provider with the American Planning Association. This course is registered for CM I 6 for Certified Planners.

Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

## On-Demand Credits

The preceding credit information only applies to the live presentation. This course in an on-demand format may not be eligible for the same credits as the live presentation; please consult your licensing board(s) to ensure that a structured, asynchronous learning format is appropriate. The following pre-approvals may be available for the on-demand format upon request:

6.0 HSW LUs (AIA)

6.0 HSW PDHs (LA CES)

## Learn More and Register:

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