

Credit Information

Managing Engineering Liability and Risk

This webinar is open to the public and is designed to qualify for 6.5 PDHs for professional engineers in most states. *This course is not approved in New York; please refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider License No: CEA362), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00049300) and North Carolina (S-0130).

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).

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Drone Applications for Engineers

This webinar is open to the public and is designed to qualify for 6.0 PDHs for professional engineers in most states. *This course is not approved in New York; please refer to specific state rules to determine eligibility.

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Engineering Webinars: Managing Engineering Liability and Risk & Drone Applications for Engineers

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Live, Interactive Webinars

Managing Engineering Liability and Risk

- Tuesday, November 12, 2024 | 8:30 am - 4:30 pm CST

Drone Applications for Engineers

- Monday, November 18, 2024 | 9:00 am - 4:00 pm CST

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Managing Engineering Liability and Risk

Tuesday, November 12, 2024 | 8:30 am - 4:30 pm CST
Credits: Professional Engineers: 6.5 PDHs*, Including 1.0 Ethics Hour



Drone Applications for Engineers

Monday, November 18, 2024 | 9:00 am - 4:00 pm CST
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Managing Engineering Liability and Risk

Tuesday, November 12, 2024 | 8:30 am - 4:30 pm CST

Agenda:

Managing Risk in the Practice of Engineering	<i>S. Vyas</i>
Identifying engineering risks	
Reviewing consequences of potential risks	
Understanding principles of risk management	
Complying with professional and ethical standards for engineers	
Identifying strategies to minimize engineering risk and maximize positive results	
Understanding How Contracts Can Shift, Reduce (or Increase) Risk	<i>K. Sherman</i>
An overview of contract law and key concepts	
Understanding contract formation and revision	
Recognizing liability exposure under contract	
Reviewing standard contract provisions and understanding their impact on risk	
• Guarantees, warranties and indemnities	
Understanding consequences for delay, disruption, nonperformance, inadequate performance	
Using contract terms to manage risk	
Managing Risk with General Liability and Professional Liability Insurance Coverage	<i>E. Moore</i>
Architect and engineers' professional liability insurance history and availability	
Differences of general liability vs. professional liability coverage	
Architect and engineers' professional liability insurance policy – declarations, insuring agreement, exclusions, conditions, definitions, endorsements	
Certificates of insurance and additional insureds	
Indemnities	
Warranties/guarantees, certifications and standard of care	
Recognizing and responding to design professional claims with statistics	
Law of Engineering Malpractice	<i>S. Stoner</i>
Reviewing the grounds for professional liability claims	
Identifying who can bring a claim	
Examining common sources of professional liability claims	
Reviewing defenses to liability claims	
Determining damages	
Participating in dispute resolution: arbitration, mediation, litigation	
Obtaining insurance coverage for professional liability claims	
Reducing Risk for Yourself, Your Company and Your Clients	<i>E. Pempus</i>
Negotiating fair and understandable contract terms	
Maintaining adequate documentation	
Implementing document retention policies and procedures	
Utilizing forms and standard documents	
Communicating with clients and other parties	
Implementing quality control practices	
Using alternative dispute resolution procedures	

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Tuition: \$339 per registrant
\$237 per attendee for group registrations of two or more people registering at the same time for the same program. ***That's a savings of 30 percent!***
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Minimizing Risk by Maximizing Compliance Conduct with Rules of Professional Conduct *R. Bowman*
Complying with rules of professional conduct
Regulations on responsible charge of engineering work
Rules on sealing of engineering documents
Preventing conflicts of interest Promoting health and welfare vs. managing risk
Protecting the environment: meeting or exceeding legal requirements
Integrating new technologies: identifying and balancing the benefits and risks

Presented by
Suraj A. Vyas *Attorney, Engineer, Mediator, Arbitrator, and Owner of The Law Offices of Suraj A. Vyas, LLC based out of Maryland and DC*
At the firm, Mr. Vyas handles legal matters in the realm of construction, contracts, patents, and more. In the construction law world, he represents a wide variety of clients ranging from contractors to owners to engineers to subcontractors. Mr. Vyas has garnered the attention of many attorneys and engineers alike since opening his own law firm in 2018.

Kenneth A. Sherman *Partner with Prince Lobel Tye LLP in Boston, MA*
Mr. Sherman is a member of Prince Lobel's Construction and Business Transactions practice groups. He is an experienced construction attorney with significant construction transactional, consulting, and litigation experience. In this capacity, Mr. Sherman assists construction project owners, developers, general contractors, construction management firms, subcontractors, and material suppliers with real-time project consulting, drafting and negotiating all manner of construction agreements and forms, and with prosecuting and defending construction disputes.

Eric A. Moore, CIC, LIC *Vice President of Moore Insurance Services in Hillsdale, MI*
Mr. Moore is a certified insurance counselor and licensed insurance counselor who has specialized in insuring architects, engineers, environmental consultants, and surveyors for over 25 years. He is past president of a/e ProNet, current chair of the City of Hillsdale Planning Commission, trustee on the Hillsdale Community Schools Board of Education and active with the Exchange Club of Hillsdale.

Scott D. Stoner *Attorney with Starr Butler Alexopoulos & Stoner PLLC in Southfield, MI*
Mr. Stoner specializes in complex litigation matters, including construction litigation and architect, engineer, and design professional malpractice claims. Mr. Stoner has successfully defended claims against design professionals for design defects, tortious interference, failure to inspect and delay damages, as well as handling contractor claims and surety and lien claims.

Eric O. Pempus, FAIA, Esq., NCARB
DesignPro Insurance Group – A Wichert Insurance Agency
Mr. Pempus has been a risk manager for more than 18 years, with experience in architecture, engineering, land use, law and professional liability insurance, and a unique and well-rounded background in the construction industry. Prior to risk management, he has 25 years of experience in the practice of architecture and engineering, and as an adjunct professor teaching professional practice courses at the undergraduate and graduate levels for the last 35 years.

Rebecca Bowman, Esq., P.E., D.F.E. *Sole Proprietor in McMurray, PA*
Mrs. Bowman practices in dispute resolution, estate planning, civil engineering, real estate, legal services, strategic development, and training. She is experienced in dispute resolution, estate planning and administration, engineering design and forensic analysis, construction/project management, real estate, small business start-up, employment law, and nonprofit support.

Drone Applications for Engineers

Monday, November 18, 2024 | 9:00 am - 4:00 pm CST

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Agenda:
Development of Drones as an Engineering Tool
History of drones
Development of drone technology and features
Engineering uses - current and anticipated

Use of Drones for Mapping and Modeling
Use of drones for photogrammetric surveying
Use of LiDAR for modeling
Equipment and software
Interpreting and using data

Use of Drones for Site Assessment and Monitoring During Construction
Use of drones to assess construction sites
Use of drones to develop site plans
Use of drones to monitor construction progress, site safety and quality control

Use of Drones to Inspect and Maintain Buildings and Infrastructure
Use of drones in dangerous and/or difficult or expensive inspection scenarios
Inspecting condition of built elements
Infrastructure/component inspection examples

Use of Drones to Inspect Condition/Operation of Machinery and Equipment
Electric utility equipment
Pipeline infrastructure
Water supply and wastewater equipment
Industrial equipment

Presented by
Mark Taylor *Extreme Aerial Productions, LLC*
Mr. Taylor's passion for photography started when his first son was born. As his boys grew up, and their passion for radio-controlled systems became a growing obsession, Mr. Taylor decided to turn an adolescent hobby into a serious venture. After several years of training and developing his skills, Extreme Aerial Productions was born. Founded in 2014, Extreme Aerial Productions, LLC, is a professional aerial drone video and photography company based in Scottsdale, Arizona.

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