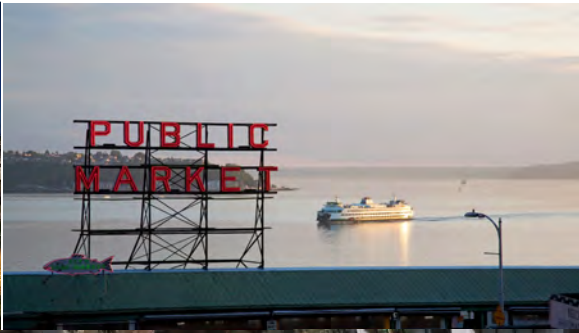


ASCE
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ENGINEERING

10th FORENSIC ENGINEERING CONGRESS

Seattle, Washington | November 1-4, 2024

Finding Answers



Answering the Questions; What, Why, Who, and How can we prevent Failure?

Forensic engineering is the application of engineering and scientific principles to the investigation of failures. Failures need not be as catastrophic as a building or structural collapse, but failure can simply mean that components or assemblies do not perform as intended. As the climate and occupant expectations change, forensic engineers may find themselves evaluating existing structures against evolving criteria for sustainability and resilience. Even where there has been no failure, the tools of forensic engineering may help as we adapt our existing buildings and structures to perform well in an uncertain future. Finally, as implied by its Latin root, forensic engineering may involve public debate. In the U.S. system of dispute resolution, a forensic engineer may provide testimony at mediation, arbitration, or in a court of law.

Why attend?

Organized by ASCE's Forensic Engineering Division, the Congress will bring together practicing engineers, academics, and forensic experts from various disciplines to share their knowledge and experience. Attending will provide you with the opportunity to learn from the experience of others, to share your experience by presenting a paper, participate in a committee meeting focused on specific aspects of forensic engineering, attend a workshop led by industry experts, and network in a way that will allow collaboration with others.

The practice of forensic engineering is most successful when issues are addressed through collaboration among disciplines. When owners, insurance professionals, attorneys, scientists, architects, engineers, and other design professionals work together to understand the issues, they can find answers and present sound arguments to support their opinions and resolve disputes. Frequently, engineers in one discipline can benefit from the experience of engineers from other disciplines, materials scientists, architects, and financial, loss, and scheduling experts. Seattle has served as an entry port and seat of innovation from aircraft to zoology. As a thriving city in a magnificent state, Seattle and all of Washington face a future where buildings and other structures must resist earthquakes, future weather events, and the vicissitudes of a changing climate.

Congress Theme: Answering the Questions; What, Why, Who, and How can we prevent failure?

Target Audience

- Architects
- Attorneys
- Building Scientists
- Civil Engineers
- Contractors
- Construction Engineers
- Construction Managers
- Facility Managers
- Geotechnical Engineers
- Insurance Professionals
- Risk Managers
- Structural Engineers

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