

Agenda

Presented by R. David Sweet with Joe Myers

Section 1 - Topics

- What you owe your customers/occupants/tenants
- All about water
- Three phases of water
- Mechanisms of water distribution in materials and structures
- Building materials
- What is “dry”
- Hygric capacity: the differing effects of the same amount of water in different construction/materials configurations
- Building assemblies
- Multi-layer assemblies
- Insulation and sheeting types
- Moving water in building materials and building assemblies – psychrometry in practical application
- Vapor pressure/vapor drive
- Energy for phase change
- Heat as a vapor pressure driver
- Grains per point/vapor pressure in the built environment
- Vapor pressure gradients - how we dry structures

Section 2 – Topics

- Emergency response
- Hazards assessment - federal
- Appropriate personal protective equipment (PPE)
- Negative pressurization and containment
- Extraction
- Managing aerosolized water vapor/particulate
- Documentation of site conditions
- Cause of loss
- Moisture mapping
- Performing the initial moisture inspection – inspection requirements
- Pre-existing damage and CCC scan
- Matterport 3D walk through at frame
- Hazard mapping
- Contents assessment
- Initial humidity control
- Determine stabilization condition
- Environmental stabilization and MIP notification
- Drying plan
- Create initial report to carrier or risk department

Section 3 – Onboarding, Documentation and Billing Checks/Balances

- Onboarding
- Valuation systems
- Documentation streams

Water Damage Events: Scope, Risks, and Accountability in Remediation

Live, Interactive Webinar - Monday, March 11, 2024

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HalfMoon Education Inc.
PO Box 278
Altoona, WI 54720-0278



Learning Objectives

You'll be able to:

Determine how water travels through structures and building materials.

Consider the behavior of water in building assemblies and insulation.

Explore emergency responses to water damage events in buildings.

Participate in moisture inspections, hazard mapping and building contents assessment.

Discuss plans for water extraction and drying.

Document damages and related costs.



HalfMoon Education Live Webinars

Water Damage Events: Scope, Risks, and Accountability in Remediation

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Understand how water travels in materials and structures

Identify the effects of water in different types of building materials

Evaluate methods for drying structures

Explore the procedure for dealing with water intrusion after a water damage event

Document damage and determine stabilization conditions

Continuing Education Credits

Professional Engineers
7.0 PDHs

Architects
7.0 HSW CE Hours
7.0 AIA LU | HSW

**AIA
Continuing
Education
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International Code Council
.7 CEUs (Building)



Webinar Information

Log into Webinar 8:30 - 9:00 am CDT	Break 12:45 - 1:15 pm CDT
Morning Session 9:00 am - 12:45 pm CDT	Afternoon Session 1:15 - 5:00 pm CDT

Tuition
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Faculty

R. David Sweet, COO, Expert Witness, RTPE, IEP
Founder/Owner Mitigation Information Technologies (MIT), Tampa, FL
R. David Sweet received undergraduate degrees from Florida State University in Finance and Management. After a short period in the capital finance industry, Mr. Sweet became an all-lines adjuster for five years and subsequently founded a full-service restoration firm. He is a certified general contractor with the State of Florida, a registered RTPE, and holds the designations of Master Water Restorer & Master Smoke Restorer with the IICRC. Additionally, he also holds Council-certified designations of CMRS, CSDS, CIES, CIEC, CFSR, and he has served for over 10 years on multiple certification boards for the ACAC as well as teaching and training on many restoration topics the industry has been plagued with for decades. He has over 23 years of experience as a CEO, consultant, and seasoned litigation expert with extensive experience in litigation support and trials.

Joseph L. Meyers, CR, WLS, CMP, CLS, FLS
Branch Manager, Hammer Restoration, Inc., Mount Pleasant, MI

Joseph L. Meyers joined Hammer Restoration in 2008 as Branch Manager for the Mt Pleasant location. He moved to the area in the mid-1980's and has been a resident of the area since. He has been in the construction and lumber industry since the early 1990's. Mr. Meyers holds a residential builders license from the state of Michigan and IICRC certifications in Fire and Smoke Restoration, Odor Control, Water Damage Restoration, Applied Structural Drying and Applied Microbial Remediation. Most recently, Mr. Meyers has become a Contents Loss Specialist (SM), CLS, Certified Restorer (CR), Water Loss Specialist (WLS), Certified Healthcare Technician and Certified Healthcare Supervisor through the Construction Infection Control Training Institute.

Additional Learning

Drone Applications for Engineers
- Thursday, February 15, 2024 | 9:30 am - 4:50 pm CST

How to Design for Snow and Ice Loads
- Thursday, February 15, 2024 | 1:00 - 4:00 pm CST

2021 International Residential Code: Energy Conservation
- Tuesday, February 20, 2024 | 12:00 - 4:30 pm CST

Managing Construction Costs & Supply Chain Issues
- Tuesday, February 20, 2024 | 12:00 - 2:00 pm CST

**Roadmap to Ethical Issues in Construction:
A Primer for Design Professionals**
- Wednesday, February 21, 2024 | 11:00 am - 1:00 pm CST

**Learn about Remote Pilot Training
and Certification**
- Tuesday, February 27, 2024 | 9:00 am - 1:45 pm CST
- Wednesday, February 28, 2024 | 9:00 am - 1:45 pm CST

Credit Information

This webinar is open to the public and is designed to qualify for 7.0 PDHs for professional engineers and 7.0 HSW continuing education hours for licensed 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 License No: CEA362), 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 7.0 HSW LUs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved this event for .7 CEUs in the specialty area of Building (Preferred Provider No. 1232).

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.

Fire Protection for Special Occupancies: Health Care Facilities
- Wednesday, February 28, 2024 | 9:00 am - 12:15 pm CST

Fire Protection for Special Occupancies: Industrial Facilities
- Wednesday, February 28, 2024 | 1:00 - 4:15 pm CST

Pumping and Piping Systems
- Thursday, February 29, 2024 | 11:00 am - 2:15 pm
- Friday, March 1, 2024 | 11:00 am - 2:15 pm CST

International Residential Code 2021
- Friday, March 1, 2024 | 8:30 am - 5:00 pm CST

2021 International Residential Code: Mechanical Systems
- Tuesday, March 5, 2024 | 12:00 - 4:30 pm CST

**Residential Energy Efficiency Code Compliance
and Stretch Code Requirements**
- Thursday, March 7, 2024 | 8:30 am - 4:30 pm CST

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