

2024 Annual School and Conference  
Hilton Oceanfront Virginia Beach VA  
October 1-3, 2024

**Tuesday, October 1, 2024**

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8:00-10:00 a.m.	VBCOA Board Nominations Interviews – <i>Ferebee Boardroom</i>
10:00-12:00 p.m.	VBCOA Region Chairs – <i>Albemarle Hall</i>
12:00 p.m.	VBCOA Board of Directors Lunch – <i>Courtney Terrace</i>
1:00-4:30 p.m.	VBCOA Board Meeting (3.5 CEU) – <i>Peacock Ballroom Salon A</i>
3:00 p.m.	Attendee Registration/ Exhibitor Setup
5:00-7:00 p.m.	Region 8 Host event – <i>Courtney Terrace Hospitality Suite</i>

**Wednesday, October 2, 2024**

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8:00 a.m.	<b>Breakfast-</b> <i>Peacock Ballroom Salon A</i>
9:00-12:00 p.m.	<b>Annual Business Meeting and Elections</b> (3 CEU)- <i>Peacock Ballroom Salons BC</i> Call to order- John Broughton, President Pledge of Allegiance-Kyle Kratzer, Sergeant-at-Arms Welcome- Dominic Sims, ICC CEO Board Committee Reports- Committee Chairs Presentation of Awards-Patrick Hughes, Awards and Resolutions Committee Report of the Nominating Committee Chair- Mike Eutsey, Immediate Past President Election of Officers- John Broughton, President
12:00 p.m.	<b>Lunch-</b> <i>Peacock Ballroom Salon A</i>
1:00-4:00 p.m.	<b>Concurrent Workshops</b>

**Breakout 1-Peacock Ballroom Salon B (1:00 – 4:00 p.m.) (3.0 CEU)**

***Braced Wall Design-Kyle Kratzer***

This class is intended to help code officials bring a simplified approach to reviewing and inspecting wall bracing. It will cover both the Classic and Practical methods. We also discuss some of the challenges we face with common construction trends today.

**Breakout 2-Peacock Ballroom Salon C (1:00- 2:30 pm) (1.5 CEU)**

***SolarAPP+ - Mark Rodriquez***

SolarAPP+, short for Solar Automated Permit Processing, is an online web portal that automates the plan review for issuing permits to qualified contractors to install code-compliant residential photovoltaic (PV) systems. Designed by the National Renewable Energy Laboratory, SolarAPP+ can run compliance checks and process building permit approvals for eligible rooftop solar and storage systems. Local governments who use the platform to process solar and storage permits, save significant staff processing time while maintaining a high degree of safety, enabling communities to adopt solar more quickly

**Breakout 3-Peacock Ballroom Salon C (2:30 – 4:00 p.m.) (1.5 CEU)**

***Fire Equipment Manufacturer’s Association-Dwayne Garriss and Jeff Terrey***

Presentation on code requirements for mobile cooking operations. The presentation will cover requirements from the International Fire Code, NFPA 1 Fire Code requirements for mobile and temporary cooking operations and NFPA 96 standard requirements for mobile cooking operations. Additionally, the presentation will examine the impact of structure fires on carbon emissions in the U.S. and the role that portable fire extinguishers, working in conjunction with automatic sprinkler systems, can play in reducing fire-related carbon emissions.

**Breakout 4-Albemarle Hall (1:00 – 4:00 p.m.) (3CEU)**

***Tapping into your influence- Maryia Lackansingh and Christina Jackson***

Everything is a balancing act! This session will provide participants with some tips, tricks, and guidance on balancing life, family, work, volunteering, chapter participation and leadership.

5:00 p.m.

**Outgoing President's Reception- Courtney Terrace/Cottage Row**

6:00- 10 p.m.

**Annual Banquet- Peacock Ballrooms Salons BC**

Presiding- John Broughton

Outgoing President statements

Installation of Officers

Incoming President's remarks

Recognition of Past VBCOA Presidents

Celebration of the 95<sup>th</sup> Anniversary with Colonial DJ's!

### **Thursday October 3, 2024**

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8:00 a.m.

**Breakfast- Peacock Salon A**

8:30-11:30 a.m.

**Concurrent Workshops**

**Breakout 1-Peacock Salon C (8:30 - 10:00 a.m.) (1.5 CEU)**

***Construction Fire Safety Best Practices-American Wood Council-Matthew Hunter***

This program provides information to assist the Fire Official charged with responsibilities for fire and life safety on a construction site to follow best practices. Builders and building officials will also benefit from the information provided. The purpose is to reduce the risk of injuries and losses from fire. The information applies to the design and planning stages as well as the actual construction phase of buildings. Many hazards can be addressed before they become an issue by adoption of best practices and rigorous code enforcement. The primary focus of this program is on large buildings during construction. Other topics that include demolition, alterations, renovations, repair and maintenance, as well as newly-completed buildings will be discussed. This program provides guidance that is based on compliance with Chapter 33 of the 2018 International Fire Code, Chapter 33 of the 2018 International Building Code, and NFPA Standards 1 and 241. The significant changes to Chapter 33 in the 2021 IBC/IFC will also be presented.

**Breakout 2-Peacock Salon C (10:00 – 11:30 a.m.) (1.5 CEU)**

***Essential Code Compliance in Light Wood Frame Construction: Fire Resistance Ratings of Floors and Walls-American Wood Council-Matthew Hunter***

Building height, area, and number of stories will often determine the fire resistive construction requirements of building elements in light wood frame construction. This presentation introduces requirements for fire resistance in wood frame buildings of Types III and V construction. These requirements are summarized in the 2018 Code Conforming Wood Design (CCWD), which will also be discussed. Additionally, one of the methods for determining fire resistance per section 703.3 in the International Building Code is fire-resistant designs documented in approved sources. The American Wood Council's Design for Code Acceptance No. 3 Fire-Resistance-Rated Wood-Frame Wall and Floor/Ceiling Assemblies (DCA-3), is commonly used as an approved source to specify rated wood-frame assemblies.

**Breakout 3-Peacock Ballroom B (8:30 – 11:30 a.m.) (3 CEU)**

***Viridiant Energy-2021 Residential Energy Code- Andrew Grigsby***

A deeper dive into the building science that supports the energy code and how it ties back to health and safety.

**Breakout 4- Albemarle Hall (8:30 – 10:00 a.m.)**

***Fiberglass Rebar – Aaron Fisher (1.5 CEU)***

***Introduction to Glass Fiber-Reinforced Polymer Concrete Reinforcement for Code Officials***

This course will focus on providing the attendee a basic understanding of what Glass Fiber-Reinforced Polymer (GFRP) is and its uses in construction. The attendee will learn why there is benefits for concrete to be reinforced with GFRP and what applications make the most sense for its use. The pros and cons, as well as common misconceptions of the product, will be covered. Additionally, its integration and differences designing concrete structures with FRP based on the IRC, IBC, and ACI 440.11 code will be covered.

***Breakout 5- Albemarle Hall (10:00 – 11:30 a.m.) (1.5 CEU)***

***SD/SI Requirements-Tasheem Crosby, CFM, CZO, Floodplain Program Planner***

The session will be an overview of Substantial Damage and Substantial Improvement, and will briefly touch on Substantial Damage administrative procedures so that locality staff can begin to understand how to administer and implement steps to fulfill the Substantial Damage/Substantial Improvement (SD/SI) requirements.

**Drawing and Conference Concludes**

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Virginia Department of Housing and Community Development

**Save the Dates**

**2025 Mid-Year Conference and School**

***Hotel Roanoke***

***March 8-10, 2025***

**2025 Annual Conference and School**

***Williamsburg Lodge***

***September 7-9, 2025***