



**Presented by: Federal Alliance for Safe Homes (FLASH)**

*The People, Professionals, and Passion of our Movement*

**Tuesday, November 30, 2021**

**Board of Directors Meeting** (Invitation-only)

**Board of Directors Dinner** (Invitation-only)

**Concurrent Council Meetings** (Council members and invited guests only)

*Consumer Outreach Council, Partnership Council, Resilience Policy Council, and Technical Advisory Council*

**Wednesday, December 1, 2021**

**Opening General Session**

**Opening Luncheon**

**Welcome Remarks by Eric Vaughn**, Executive Vice President – FLASH

**Keynote Presentation – Leadership Voices: The Road to Resilience**

**Presenter: Leslie Chapman-Henderson**, President and CEO – FLASH

*Leslie will open the conference with a review of milestones, progress, and recent events, in the disaster safety and resilience movement. Her address will highlight new FLASH initiatives and set the tone for the conference by offering a roadmap on how the attendees can drive meaningful change through new collaborations, innovation, and partnership.*

**Keynote Presentation – Leadership Voices: Presented by Titanium Sponsor and Legacy Partner USAA**

**Panel Presentation – Strong Homes: Resilience Champions for a Stronger Future**

*The FLASH Partnership believes everyone deserves a safe and strong home. This panel will highlight the Strong Homes Initiative and the collaborative spirit of the partners who bring disaster-resistant housing to disaster survivors in the most vulnerable populations using FEMA guidance and IBHS FORTIFIED standards.*

**Moderator/Presenter: Eric Vaughn**, Executive Vice President – FLASH

**Presenters:**

1. **Matt Minchew**, General Manager, ZIP System Roof Applications – Huber Engineered Woods
2. TBA
3. TBA

**Break**

## **Panel Presentation – A Blueprint for A Resilient Nation: FEMA’s Building Code Strategy**

*FEMA’s Building Codes Strategy, a blueprint for organizing and advancing building code efforts, will focus on integrating codes and standards across FEMA, strengthening nationwide capability for superior building performance, and driving public action on building codes. This panel will arm NDRC21 attendees with the knowledge needed to ensure that their communities are reaping the full suite of benefits FEMA has to offer.*

**Moderator/Presenter: Ed Laatsch, PE, Chief, Building Science Branch – FEMA**

### **Presenters:**

1. **Gregory Wilson, CFM, Emergency Management Specialist – FEMA**
2. **Jonathan Westcott, PE, CFM, Civil Engineer, Building Science Branch – FEMA**
3. **John Ingargiola, EI, CFM, CBO, Lead Physical Scientist, Building Science Branch, Risk Management Directorate - Federal Insurance & Mitigation Administration, Resilience – FEMA**

## **Spotlight Presentation – Supporting Social Equity and Climate Resilience Through Building Codes**

**Presenter: Ryan Colker, Vice President of Innovation – International Code Council**

*Across the country, vulnerable populations, and communities struggle to address various challenges that impact both the community and individual resilience. This spotlight presentation will highlight how building codes can support social equity, affordability, and climate resilience.*

## **Keynote Presentation – Leadership Voices: Perspectives from the Director**

**Presenter: Kenneth Graham, Director – National Hurricane Center**

*Before becoming National Hurricane Center Director, Ken took the helm as the meteorologist-in-charge of the National Weather Service New Orleans/Baton Rouge office in 2008. Ken is a longstanding supporter of the disaster safety movement and will share leadership perspectives as NHC Director and his insights on the 2020 and 2021 hurricane seasons.*

## **Daily Wrap Up and Closing Remarks by Eric Vaughn, Executive Vice President – FLASH**

### **Welcome Networking Reception**

*Break out the Hawaiian shirts! Enjoy some lite bites, reconnect with your fellow disaster safety advocates, forge new relationships, and meet the exhibitors at this casual, beach-themed reception.*

**Thursday, December 2, 2021**

### **Breakout with the Breakfast Club (2<sup>nd</sup> Floor)**

*Start your day at the NDRC Breakfast Club, a new featured addition to our agenda this year. Fuel up your body and brain by attending one of the six exciting breakout sessions designed by new, energetic NDRC presenters.*

### **Breakout with the Breakfast Club Speaker Series #1**

#### **Connecting Coastal Resilience and the Built Environment**

*Evidence suggests that both natural and nature-based approaches for hazard mitigation can be both practical and cost-effective. This presentation will summarize the latest science on the effectiveness of natural infrastructure in lowering the risks to communities from weather- and climate-related hazards. Attendees will also hear an overview of the United Nations Decade of Ocean Science for Sustainable Development, a ten-*

*year, global cooperative program to expand scientific and industry partnerships to support science, ocean management, and sustainable development.*

**Presenters:**

1. **Patty Glick**, Senior Scientist, Climate Adaptation – National Wildlife Federation
2. **Theresa Keith**, MS/MA, Knauss Marine Policy Fellow, UN Decade of Ocean Science for Sustainable Development – NOAA Research

**Breakout with the Breakfast Club Speaker Series #2**

***A Regional Perspective on Inclusive Mitigation***

*FEMA Region 9 has the unique challenge of responding to multiple perils, including wildfires, mudslides, super typhoons, earthquakes, volcanoes, and more. This panel will review risk analysis, mitigation grant funding, floodplain management, building science, and hazard mitigation planning in their diverse communities, including massive urban centers, rural communities, Tribal Nations, and physically isolated territories.*

**Presenters:**

1. **Kathryn Lipiecki**, Mitigation Division Director – FEMA Region 9
2. **Alison Kearns**, Risk Analysis Chief – FEMA Region 9

**Breakout with the Breakfast Club Speaker Series #3**

***Best Practice Programs at the State Level***

*Preventing catastrophic impact from a disaster requires a moonshot of innovation and collaboration. This presentation will highlight state programs that drive resilience through innovative studies and programs. Presenters will discuss the first state-led and federally funded direct housing mission and will explore what it looks like for a state to apply an emergency management model to resilience.*

**Presenters:**

1. **Shonda Mace**, Planner, Research, Training & Development, Community Development & Revitalization – Texas General Land Office
2. **Kyle R. Overly**, Director, Disaster Risk Reduction Directorate – Maryland Emergency Management Agency

**Breakout with the Breakfast Club Speaker Series #4**

***Affordable, Resilient Rebuilding to FORTIFIED Standards***

*Resilient building methodologies are imperative in disaster recovery work and any new construction in vulnerable communities. Panelists will share how SBP worked closely with IBHS to incorporate FORTIFIED standards into their building and rebuilding work, which led to Louisiana receiving their first FORTIFIED Gold standard certification for a residential building.*

**Presenters:**

1. **David Durand**, Executive Director – SBP New Orleans
2. **Brenda Breaux**, Executive Director – New Orleans Redevelopment Authority
3. **Michael Newman**, Senior Director, Law and Public Policy – IBHS

## **Breakout with the Breakfast Club Speaker Series #5**

### ***From Water to Wildfire: New Programs and Perspectives Driving Resilience***

*Catastrophic events can be a call to action to associations, consumers, insurers, and more. This presentation will highlight how technological developments in flood-loss modeling and private-public flood insurance solutions will help build safer families and stronger homes and how NFPA's Outthink Wildfire initiative is key to lowering risk and stopping the destruction of communities by wildfire.*

#### **Presenters:**

1. **Meghan Housewright**, Director, NFPA Fire & Life Safety Policy Institute – National Fire Protection Agency
2. **Ramya Sunad**, CPCU, ARM-E, Senior Policy and Performance Underwriter – USAA

## **Breakout with the Breakfast Club Speaker Series #6**

### ***Trending Technologies: Data for a Resilient Nation***

*Find out how the Texas General Land Office is teaming up with Texas A&M Systems and the University of Texas to develop the Texas Disaster Information System, an interactive, analytical, and visual web-based spatial data system designed to support more resilient decision making throughout the State of Texas.*

#### **Presenters:**

1. **Tyler Payne**, PMP, Senior Project Manager, Community Development & Revitalization Division – Texas General Land Office
2. **TBA**

## **General Session Opening Remarks – Eric Vaughn, Executive Vice President – FLASH**

### ***Leadership Voices: CEO Roundtable – Leadership for a Resilient Future***

*Join the leading voices in the disaster-safety movement for this interactive roundtable as they discuss the latest efforts, trends, and technologies impacting disaster resilience today. This collaborative opportunity will share ways that NDRC21 attendees can support initiatives that back building codes, resilience, and science.*

**Moderator/Speaker: Dr. Rick Knabb**, Hurricane Expert – *The Weather Channel*

#### **Presenters:**

1. **Leslie Chapman-Henderson**, President and CEO – FLASH
2. **Dominic Sims**, CEO – International Code Council
3. **Pamela Williams**, Executive Director – BuildStrong
4. **Lakisha Ann Woods**, CAE, President and CEO – National Institute of Building Sciences
5. **Roy Wright**, President and CEO – IBHS
6. **TBA**
7. **TBA**

**Break**

### **Panel Presentation: *What's New at the Lab?***

*Every year, the United States is impacted by hurricanes, tornadoes, and wildfires that cause catastrophic damage. This panel will explore how engineering, research, science, and collaboration facilitate more resilient communities. The expert panelists will showcase innovations in wind and wildfire research.*

#### **Presenters:**

1. **Forrest Masters**, Ph.D., P.E., Professor and Associate Dean for Research and Facilities – Herbert Wertheim College of Engineering, University of Florida
2. **Anne D. Cope**, Ph.D., P.E., Chief Engineer – IBHS

### **Interview Spotlight: *New Tools: Buyer's Guide to Resilient Homes (BGRH) an RX for Resilience***

*Former CNN correspondent and board advisor **John Zarrella** will interview Resilience Action Fund CEO **Aris Papadopoulos** and FLASH Senior Policy Analyst, **Audrey Rierson, J.D.** to discuss the new one-of-a-kind consumer resource.*

*This interview will cover the journey that created the newly released guide and how it equips homebuyers with the right questions to ask when seeking a strong, resilient home. Learn how this new tool started as an idea at NDRC19, and bring your ideas for collaboration with critical stakeholders like the real estate profession.*

### **Luncheon Keynote and Celebrating Partners in Prevention**

*This luncheon program will feature a recognition ceremony that brings together the FLASH Partnership with new and emerging voices in the disaster safety and resilience movement.*

#### **Keynote Presentation: TBA**

### **Panel Presentation – *Smart Finance for a Resilient Future***

*While improving the resiliency of a home or business might seem expensive, the National Institute of Building Sciences finds that every dollar spent on mitigation measures saves \$6 in repair costs following a disaster. This panel will feature presentations and discussions on various economic incentives, funding and assistance, and the benefits of building strong, resilient homes.*

#### **Presenters:**

1. **Tim Reinhold**, Ph.D., Wind Engineering and Natural Hazards Consultant
2. **Alejandro Contreras**, Director of Preparedness, Communication, and Coordination, Office of Disaster Assistance – U.S. Small Business Administration
3. **Leah Wiggs**, Vice President, Government Affairs – Renew Financial

### **Spotlight on Earthquake – *Accessible Earthquake Safety Guidance for Everyone, Everywhere***

**Presenter: Mark Benthien**, Director of Communication, Education, and Outreach - Southern California Earthquake Center (SCEC), Global Coordinator, Great ShakeOut Earthquake Drills, Executive Director, Earthquake Country Alliance

*This spotlight presentation will dive into a year of work with SCEC as they strived to make earthquake material fully accessible by translating documents and websites into 14 different languages. Additionally, the presentation will cover how SCEC successfully engages partners to use and share materials.*

## Break

### Panel Presentation – *A Path to Resilient Tornado Design and Safety*

*There is a longstanding public and engineering perception that there is nothing we can do about the damage, destruction, and loss of life caused by tornadoes. This panel will feature presentations surrounding the latest research in resilient tornado design and life safety.*

#### Presenters:

1. **Marc Levitan**, Ph.D., Lead Research Engineer, National Windstorm Impact Reduction Program – National Institute of Standards and Technology
2. **Pataya Scott**, Ph.D., Civil Engineer, Earthquake and Wind Programs Branch – Federal Insurance and Mitigation Administration, Resilience
3. **David Prevatt**, Ph.D., P.E., Associate Professor, Engineering School of Sustainable Infrastructure and Environment – University of Florida

### Panel Presentation – *Leadership Voices: How Insurance Regulators Can Drive Disaster Resilience to Support a Healthy Marketplace*

**Moderator/Presenters:** **Jeff Czajkowski**, Director, Center for Insurance Policy and Research – National Association of Insurance Commissioners

*Find out how state insurance regulators invest in programs and mitigation measures that reduce vulnerability to threats and hazards, resulting in safer and more resilient communities.*

#### Presenters:

1. **Audrey Rierson**, J.D., Senior Policy Analyst – FLASH
2. TBA
3. TBA

### Keynote Presentation – *Leadership Voices: Supporting Building Codes and Community Capacity through FEMA HMA Programs and Partnerships*

**Presenter:** **Angela Gladwell**, Director, Hazard Mitigation Assistance – FEMA

*As part of a national effort to increase community resilience against future storms and other natural disasters, FEMA is advancing strong building codes and standards throughout their programs and is assisting communities who have not had the capacity to adopt codes through various grants programs. Learn more about how to leverage FEMA's Hazard Mitigation Grants Program (HMGP) and Building Resilient Infrastructure and Communities (BRIC) programs to retrofit buildings and build capacity for building code adoption and enforcement activities.*

**Daily Wrap Up and Closing Remarks by Eric Vaughn**, Executive Vice President – FLASH

**Friday, December 3, 2021**

**Opening Remarks by Eric Vaughn**, Executive Vice President – FLASH



**Panel Presentation: *Decreasing the Destruction – How FORTIFIED Delivered in Hurricane Sally***

*Hurricane Sally threatened the largest concentration of FORTIFIED homes in the world. This panel presentation will focus on a FORTIFIED case study conducted on homes following the storm and will share insights into why coastal Alabama has invested in mitigation and resilience efforts and the benefits they've seen.*

**Presenters:**

1. **Julie Shiyou-Woodard**, President and CEO – Smart Home America
2. **Alexandra Cary**, Market Development Manager – IBHS
3. **Erik Cortinas**, CBO, CFM, LEED AP Building Official – City of Fairhope, Alabama
4. **Tom Stokes**, Alabama Division President – Truland Homes

**Panel Presentation: *Innovative Approaches to Wildfire Loss Prevention***

*Whether through data, incentives, or mitigation measures, this panel will reveal why building wildfire-resilient communities is more critical now than ever. Presenters will discuss the challenges that property owners, regulators, and the insurance industry face in improving future outcomes in wildfire resilience and will discuss the findings - both successes and obstacles.*

**Presenters:**

1. **Michele Steinberg**, Wildfire Division Director – National Fire Protection Association
2. **Dr. Arindam Samanta**, Director of Product Management – Verisk
3. **TBA**

**Break**

**Keynote Interview with John Zarrella**, former CNN Correspondent – TBD

***Leadership Voices: Media and Weather***

**Moderator: Mark Taylor**, Head of Business Development and Strategic Partnerships – MyRadar

*This powerhouse roundtable will feature experts in meteorology and weather forecasting. You will not want to miss this interactive discussion as we explore weatherpersons' critical role in the disaster safety movement.*

1. **Jim Cantore**, On-Camera Meteorologist and Co-Host AMHQ – *The Weather Channel*
2. **Kenneth Graham**, Director – National Hurricane Center
3. **Tim Gaughan\***, Vice President – *FOX Weather*
4. **Andy Green\***, Founder & CEO – MyRadar/ACME AtronOmatic LLC
5. **Ginger Zee\***, Chief Meteorologist – *ABC News*

**Closing Remarks by Leslie Chapman-Henderson**, President and CEO – FLASH

*\*invited*