



Presented by:



Tuesday, November 19, 2024	
12:00 p.m. – 12:30 p.m.	Board of Directors Luncheon (Directors, Advisors, & Invited Guests) <i>Pelican – 3rd floor</i>
12:30 p.m. – 5:00 p.m.	Board of Directors Meeting (Directors, Advisors, & Invited Guests) <i>Pelican – 3rd floor</i>
6:30 p.m. – 9:00 p.m.	Founding & Legacy Partner Reception (Hosted by the FLASH Board of Directors, Invitation Only) <i>Pelican – 3rd floor</i>
Wednesday, November 20, 2024	
8:30 a.m. – 10:30 a.m.	Concurrent Council Meetings and Breakfast <i>(Council Members & Invited Guests)</i> <ul style="list-style-type: none"> • Resilience Policy Council, <i>Sandpiper – 3rd floor</i> • Technical Advisory Council, <i>Pelican – 3rd floor</i>
10:30 a.m.	Exhibits Open <i>Dunes Foyer, Dunes Ballroom I-V, Lobby Level</i>
11:30 a.m. – 12:30 p.m.	Opening General Session Networking Luncheon <i>Dunes Ballroom I-V, Lobby Level</i>
12:30 p.m. – 5:00 p.m.	General Session <i>Dunes Ballroom I-V, Lobby Level</i>
Welcome Remarks - Eric Vaughn , Executive Vice President - FLASH	
Keynote Presentation - Leadership Voices <i>Leslie will open the conference with an inspiring keynote address. She will review key milestones, progress, and recent developments in the disaster safety and resilience movement. Leslie's presentation will set the stage for the conference by outlining a strategic roadmap demonstrating how attendees can drive meaningful change through new collaborations, innovation, and partnerships. This keynote will provide valuable insights and direction, empowering participants to make a significant impact in their respective fields.</i>	

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

#Leadership #Partnership #Outreach #Education

Keynote Presentation - USAA Titanium Sponsor

Presenter: TBA

#Leadership #Partnership

Panel Presentation - *What Do We Mean by Wildfire Resilience? Reimagining An End to Disaster and the Start of a Sustainable Future*

This panel will highlight the urgent need for new approaches to minimizing risks to homes and communities from wildfire. These panelists have learned through joint studies, including “Living with Wildfire: Vulnerabilities and Readiness Across the Western United States”, that few states and counties with the most prevalent wildfire hazards are using sound regulatory approaches backed up by consistent enforcement. They will provide an update on where code use and enforcement are happening and how the insurance industry is responding to increased pressure to recognize wildfire mitigation efforts.

Presenters:

1. **Michele Steinberg**, Wildfire Division Director - National Fire Protection Association
2. **Kimiko Barrett, PhD**, Senior Research & Policy Analyst - Headwaters Economics
3. **Anne Cope, PhD, PE**, Chief Engineer - Insurance Institute for Business & Home Safety
4. **JulieAnna Anastossatos**, Senior Director, Wildfire - Verisk

#Partnership # Education #Policy #Wildfire

(Please join our NDRC wildfire presenters during the Reimagining Wildfire Resilience Breakout session to continue this critical dialogue.)

Break – Dunes Foyer

Exhibits Open – Dunes Foyer, Dunes Ballroom I-V, Lobby Level

Panel Presentation - *Innovative Technologies in Residential Construction for Enhanced Disaster Resilience: The New Industrial Revolution*

The construction industry is on the cusp of a transformative revolution driven by the advent of artificial intelligence (AI), machine learning, robotics, and more. This session will explore how advanced and emerging technologies are reshaping the construction landscape and unlocking unprecedented opportunities for affordability, efficiency, safety, and innovation.

Moderator/Presenter: Forrest Masters, PhD, PE, Professor and Interim Dean of Engineering - University of Florida/FLASH Board Director

Presenters:

1. **Dr. Eric Jing Du**, Professor of Civil Engineering - University of Florida
2. **Dr. Petros Sideris**, Associate Professor of Civil & Environmental Engineering -Texas A&M University
3. TBD, Autodesk

#Partnership #Engineering

Panel Presentation - Transforming Wildfire Preparedness: Using CAWFE and Ladriz EVAC-1 for Enhanced Community Resilience

Building wildfire-resilient communities requires proactive planning and education about local fire risks, evacuation strategies, and wildfire behavior in urban settings. This panel showcases two advanced technologies—CAWFE and Ladriz EVAC-1—that play crucial roles in enhancing community resilience.

CAWFE is a dynamic model that predicts wildfire growth, speed, direction, and intensity. It has proven its value in tabletop exercises, aiding stakeholders in preparedness planning. EVAC-1 enhances disaster response by enabling efficient evacuations through real-time traffic data, scenario simulations, and AI-driven analytics. Together, CAWFE and EVAC-1 empower communities to anticipate wildfire behavior and execute effective evacuations, ultimately strengthening their resilience against disasters.

Presenters:

- 1. Janice Coen, PhD**, Visiting Scholar - University of San Francisco and Project Scientist at Project Scientist - Mesoscale and Microscale Meteorology Laboratory and NSF National Center for Atmospheric Research NSF National Center for Atmospheric Research
- 2. Bowen Kyle**, Chief Technology Officer - Ladriz Technologies, Inc.

#Education #Wildfire

(Please join our NDRC wildfire presenters during the Reimagining Wildfire Resilience Breakout session to continue this critical dialogue.)

5:00 p.m.	Daily Wrap-Up & Closing Remarks by Eric Vaughn , Executive Vice President – FLASH
6:30 p.m. – 8:30 p.m.	Welcome Networking Dinner & Reception - Resilience Reimagined <i>Dunes Ballroom I-V, Lobby Level & Exhibits Open - Dunes Foyer</i> <i>Join us for the annual NDRC casual networking dinner featuring food stations with delicious local fare.</i>

Thursday, November 21, 2024

7:30 a.m. – 8:30 a.m.	Breakfast <i>Dunes Ballroom I-V, Lobby Level</i>
8:30 a.m. – 5:00 p.m.	General Session <i>Dunes Ballroom I-V, Lobby Level</i>

Opening Remarks by **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 expert panel will feature CEOs and senior executives from top organizations specializing in disaster preparedness and resilience.

During this engaging session, panelists will discuss critical topics such as the integration of cutting-edge technologies in disaster preparedness, the role of public-private partnerships in enhancing resilience, and innovative approaches to policy advocacy for stronger building codes.

This roundtable will provide attendees with actionable takeaways on how they can support and champion initiatives that reinforce building codes and advance resilience to promote a safer, more prepared future.

Moderator: Rick Knabb, PhD, Hurricane Expert and Tropical Program Manager - *The Weather Channel*

Presenters:

1. **Leslie Chapman-Henderson**, President and CEO - FLASH
2. **Bryan Koon**, President and CEO - IEM/FLASH Board Director
3. **Roy Wright**, President and Chief Executive Officer - Insurance Institute for Business & Home Safety
4. **Jeff Czajkowski, PhD***, Director, Center for Insurance Policy and Research (CIPR) – National Association of Insurance Commissioners (NAIC)/FLASH Board Advisor
5. **Natalie Enclade, PhD**, Executive Director - BuildStrong America
6. **Dan Dunmoyer***, President and CEO - California Building Industry Association
7. **Dominic Sims, CBO**, Chief Executive Officer - International Code Council/FLASH Board Director

#Leadership #Policy

Spotlight Interview - *Investing in Resilience and Pre-Disaster Mitigation: Benefits for American Taxpayers*

In 2023, the United States experienced a record-breaking number of billion-dollar disasters in a calendar year, with 28 weather and climate events causing \$92.9 billion in damages. Data reveals that the amount spent on natural disasters has more than quintupled since the 1980s, and the consequences of climate change have the potential to cost the world economy an estimated 178 trillion dollars by 2070.

Former CNN correspondent and board advisor John Zarrella will engage in a discussion with Chris Brown, Executive Director - SmarterSafer Coalition, to analyze and highlight multifaceted approaches to climate resilience that address existing obstacles and promote fiscal responsibility. The Coalition will provide actionable recommendations and positive examples of how resilience has saved tax dollars when implementing pre-disaster mitigation from an institutional perspective.

Interviewer: John Zarrella, President - JZ Media, Former CNN correspondent/FLASH Board Advisor

Presenter: Chris Brown*, Executive Director - SmarterSafer Coalition

#Leadership #Policy

Break – Dunes Foyer

Exhibits Open – Dunes Foyer, Dunes Ballroom I-V, Lobby Level

Panel Presentation - *The Importance of a Multi-Disciplinary Approach to Wildfire Recovery and Resilience*

Over the past decade, the growth in frequency, scale, and severity of wildfires has highlighted the seriousness of an emerging global problem, particularly in the wildland-urban interface. FEMA’s Building Science Disaster Support Program recently deployed Mitigation Assessment Teams to conduct wildfire post-disaster building performance and mitigation assessments in Colorado and Hawaii and identified several challenges worthy of discussion on a national scale. In this session, a cross-disciplinary panel of experts will discuss observations from recent fire events, recommendations, and opportunities for better collaboration to increase wildfire resilience across the nation.

Presenters:

- 1. Dan Bass, RA, CFM,** Architect - Building Science Branch, Building Science Disaster Support Program Manager - FEMA
- 2. Stacy Wright, FAICP, PMP, CFM,** Senior Project Manager - AtkinsRéalis
- 3. TBA**

#Partnership #Engineering #Policy #Wildfire

(Please join our NDRC wildfire presenters during the Reimagining Wildfire Resilience Breakout session to continue this critical dialogue.)

Panel Presentation - *Building Resilience Through Collaboration: Architects Leading the Way*

This dynamic discussion will explore the pivotal role architects play in advancing resilience and how collaboration among various stakeholders can enhance disaster preparedness and resilience efforts. Attendees will gain valuable insights into how they can engage with architects and the American Institute of Architects (AIA) to increase preparedness, supplement their response efforts, and catalyze post-disaster community transformations.

Practitioners, policymakers, and advocates alike will gain practical strategies for leveraging architects' work to build a more resilient future.

Presenters:

- 1. Paola Capo,** Senior Manager of Climate Actions and Resilient Communities - American Institute of Architects
- 2. Stacy Bourne, FAIA, NOMA;** Principle -The Bourne Group/Chair of AIA’s Disaster Assistance Committee

#Partnership #Hurricane #Tornado

Celebrating Partners in Prevention Luncheon & Keynote Presentation

This luncheon program will feature a recognition ceremony honoring the invaluable contributions of our longstanding FLASH Partners.

1:45 p.m. – 2:45 p.m.

Concurrent Facilitated Breakouts
3rd Floor

Breakout – Emerging Leaders - Reimagining the Future of Resilience

Heron – 3rd Floor

This session will include a discussion featuring established and future leaders in disaster resilience. Designed as an interactive and facilitated dialogue, it will spotlight emerging voices who will redefine the future of resilience. This session aims to inspire fresh thinking and bold action, encouraging all participants to consider how they can play a pivotal role in advancing resilience.

Moderators/Participants:

1. **Eric Vaughn**, Executive Vice President – Federal Alliance for Safe Homes (FLASH)
2. **Jamieleigh Hudgins, MPA**, Culture and Workforce Development Officer, Hermit's Peak/Calf Canyon Claims Office - FEMA

Roundtable Participants:

1. **Joseph Chappell**, Operations Lead, Building Science Branch, Planning, Safety & Building Science Division, Risk Management Directorate, Resilience - FEMA
2. **Cody Gunn**, Building Regulatory Strategy Lead – Target Corporation
3. **JC Hudgison, CBO, Assoc. AIA**, Construction Services Ctr Manager & Chief Building Official, Development & Growth Management - City of Tampa
4. **Audrey Rierson JD**, Senior Policy Analyst – Federal Alliance for Safe Homes (FLASH)
5. **Jonathan Westcott, PE**, Civil Engineer, Building Science Branch, Resilience - FEMA

#Leadership #Practice

Breakout - Reimagining Wildfire Resilience

Sandpiper – 3rd Floor

This session will include a facilitated discussion about topics in the wildfire space and brainstorm opportunities for collaboration and solutions to increase wildfire resilience at the federal, state, and local levels. Attendees will be able to interact directly with wildfire experts, engage in collaborative discussions, and share ideas on creating a more resilient future.

Facilitator:

1. **Sharon Magorien**, Chief, Building Science Branch, Planning, Safety & Building Science Division RMD, Resilience - FEMA

#Partnership #Engineering #Wildfire

(Please join our wildfire experts for this dialogue to further explore the many solutions and resilience opportunities presented during the preceding panels.)

Break Out – The Rise of State Mitigation Grant Programs

Presenters:

1. **Tim O'Neil**, Outreach Director - My Safe Florida Home Program
2. **TBA**

3:00 p.m. – 5:00 p.m.

General Session

Dunes Ballroom I-V, Lobby Level

Panel Presentation - *Emerging Public-Private Partnership Opportunities Advancing Building Codes*

This panel will explore federal strategies and initiatives that activate through public-private partnerships. Panelists will discuss examples of program incentives, opportunities, and success stories that advance community resilience. A range of presenters from the public and private sectors will bring perspectives on implementing federal strategies and advancing building codes and standards.

Moderator/Presenter: Ed Laatsch, PE, Director – Planning, Safety & Building Science Division, FIMA Risk Management Directorate - FEMA

Presenters: TBA

#Leadership #Partnership

Spotlight Presentation - *Adapting the Future of Housing: The Resilient Housing Planning Guide*

Housing is often overlooked in comprehensive or hazard mitigation plans, leaving communities to make critical decisions about rebuilding, such as location, density, and building code enforcement, in the aftermath of a catastrophic event. Additionally, most communities lack the in-house expertise or capacity to plan for housing recovery or resilience and rely on consultants to develop the plans that allow them to access funding and rebuild homes and businesses.

To address this issue, Smart Home America (SHA) has created a Resilient Housing Planning Guide funded by the EPA Gulf of Mexico Program. The guide helps communities better understand their risks, identify mitigation and land use planning strategies, and provide feedback to consultants.

Presenter: Julie Shiyou-Woodard, President and CEO - Smart Home America

#Leadership #Practice

Spotlight Interview - *The Power of PACE: Expert Insights from Renew Financial*

Former CNN correspondent and board advisor John Zarrella will join Leah Wiggs, Senior Vice President of Government Affairs at Renew Financial, to discuss the PACE program. Leah will explain why PACE is often considered the “best-kept secret” for building resilient and robust communities and will share insights on how communities can access this valuable program.

Leah will discuss recent changes in Florida legislation and explain their implications for PACE and its stakeholders. She will also explore the broader impact of Renew Financial’s PACE lending model on the market, highlighting how it provides alternative financing options to support underserved families.

Interviewer: John Zarrella, President - JZ Media, Former CNN correspondent, FLASH Board Advisor

Presenter: Leah Wiggs, Senior Vice President, Government Affairs - Renew Financial

#Partnership #Hurricane #Earthquake

Panel Presentation - *Earthquake Resilience: Strategies for a Safer Future*

Join leading experts in earthquake resilience as they dive into the latest strategies and innovations designed to enhance community safety and preparedness. This panel will explore cutting-edge research, practical applications, and policy recommendations that will mitigate the impact of earthquakes on infrastructure and populations. Attendees will gain valuable insights into effective risk reduction measures, the importance of building codes and standards, and the role of community engagement in fostering resilience.

Presenters:

1. **Brian Blake**, Executive Director - Central United States Earthquake Consortium (CUSEC)
2. **Pascal Schuback***, Executive Director - Cascadia Region Earthquake Workgroup (CREW)

#Leadership #Earthquake

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

Friday, November 22, 2024

7:30 a.m. – 8:30 a.m.

Breakfast

Dunes Ballroom I-V, Lobby Level

8:30 a.m. – 12:30 p.m.

General Session

Dunes Ballroom I-V, Lobby Level

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

Panel Presentation - *New Flood and Climate Resilient Consensus Standards Have Arrived! – Learn and Apply Them in Your Community*

The American Society of Civil Engineers recently released a major revision to “Minimum Design Loads and Associated Criteria for Buildings and Other Structures” to mitigate the effects of flooding. Additionally, The ASCE 24 Flood Resistant Design and Construction will be updated later this year. Panelists will discuss the design standard’s new flood provisions to protect against 500-year flood events, which is a significant improvement to the 100-year flood hazard referenced in the previous version. The changes also introduce a new requirement for relative sea level change as it relates to each individual structure.

Presenters:

1. **Daniel Cox, PhD**, Professor, Oregon State University, Chair of ASCE 7 Flood Load Subcommittee, Chair of ASCE 24 Flood Resistant Design and Construction
2. **Chad Berginnis, CFM**, Executive Director - Association of State Floodplain Managers (ASFPM)
3. **John L. Ingargiola**, Lead Physical Scientist, Building Codes Policy Advisor – FEMA, NIABC MitFLG Building Codes SME, Policy & Regulations Section, Hazard Mitigation Directorate

#Partnership #Engineering #Flood

Spotlight Presentation - *T.V. Weather – An Everchanging Climate*

Join us for a thought-provoking keynote address that explores meteorologists' role in enhancing community resilience against natural disasters through timely and accurate forecasting. Mike will highlight strategies for effective disaster communication that can save lives and minimize damage during extreme weather events.

Presenter: Mike Buresh, Chief Meteorologist - Action News Jax and 2024 FLASH National Weatherperson of the Year

#Outreach #Flood #Hurricane #Tornado

Panel Presentation - *A Dialogue Regarding Flood Insurance, Flood Policy, and Recovery*

This panel will present an in-depth dialogue on flood insurance, flood policy, and recovery challenges and strategies in the wake of recent hurricanes, including Hurricane Ian, Idalia, and Debby. Presenters will discuss the complexities of flood insurance, the evolving landscape of flood policies, and effective

approaches to recovery and compliance after flood events. Attendees will gain valuable insights into the challenges and opportunities in managing flood risks and ensuring resilient communities.

Moderator/Presenter: Eric Letvin, Deputy Assistant Administrator, Mitigation – FEMA

Presenter: Presenter: Kevin Guthrie*, Executive Director, Florida Division of Emergency Management

#Leadership #Partnership #Flood

Break – Dunes Foyer

Exhibits Open – Dunes Foyer, Dunes Ballroom I-V, Lobby Level

Keynote Presentation - Leadership Voices

Presenter: Michael Brennan, PhD, Director, National Hurricane Center

The National Hurricane Center Director will offer a snapshot of the 2024 season with implications for messaging and research opportunities ahead of the 2025 hurricane season.

#Leadership #Hurricane

Leadership Voices - Women in Weather

This powerhouse roundtable will feature broadcasting, meteorology, and weather forecasting experts. They will discuss the 2024 hurricane season, record-breaking heat, and more, including the unique contributions of women as professionals in the weather “enterprise.”

Moderator: Leslie Chapman-Henderson, President and CEO - FLASH

Presenters:

1. **Erica Lopez**, Meteorologist, *MyRadar*
2. **Maureen McCann**, Meteorologist - *News 13 Orlando*
3. **Nicondra Norwood***, Meteorologist - *Fox 8, WVUE, New Orleans*
4. **Irene Sans**, Meteorologist - *Weather & Radar USA*
5. **Maria Torres***, Communications, Public Affairs Officer - National Hurricane Center

#Outreach #Earthquake #Flood #Hurricane #Tornado #Wildfire

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

Leslie will recap the conference highlights and deliver a call to action for the FLASH Partnership.

***Invited**

#Keywords indicate the following:

- Strategic Plan Focus Areas – Leadership, Partnership, Outreach, and Education
- NDRC Programmatic Focus Areas – Science, Policy, Practice, and Engineering
- Weather and Peril Focus Areas – Earthquake, Flood, Hurricane, Tornado, and Wildfire