

## Presented by:



	Tuesday, November 19, 2024
12:00 p.m. – 12:30 p.m.	<b>Board of Directors Luncheon</b> (Directors & Advisors) <i>Pelican – 3<sup>rd</sup> floor</i>
12:30 p.m. – 5:00 p.m.	<b>Board of Directors Meeting</b> (Directors & Advisors) <i>Pelican – 3<sup>rd</sup> floor</i>
6:30 p.m. – 8:30 p.m.	<b>Board of Directors Dinner</b> (Invitation Only) <i>Pelican – 3<sup>rd</sup> floor</i>
	Wednesday, November 20, 2024
8:30 a.m. – 10:30 a.m.	Concurrent Council Meetings and Breakfast (Council Members & Invited Guests)  • Resilience Policy Council, Sandpiper – 3 <sup>rd</sup> floor  • Technical Advisory Council, Pelican – 3 <sup>rd</sup> floor
10:30 a.m.	Exhibits & Registration Open – Dunes Foyer, Dunes Ballroom I-V, Lobby Level
11:30 a.m. – 12:30 p.m.	Opening General Session Networking Luncheon – Dunes Ballroom I-V, Lobby Level
12:30 p.m. – 12:35 p.m.	Welcome Remarks - Eric Vaughn, Executive Vice President – FLASH
12:35 p.m. – 12:40 p.m.	General Session Introduction - Arthur Parks, CPCU, CLU, P&C Portfolio Management Operations Manager - Eastern Market – State Farm Insurance Companies/FLASH Board Chairman
	Keynote Presentation - Leadership Voices
12:45 p.m. – 1:05 p.m.	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.
	Presenter: Leslie Chapman-Henderson, President and CEO – FLASH
	#Leadership #Partnership #Outreach #Education

USAA Titanium Sponsor Presentation - How Key Players Create Community Strength: A Dialogue with Homebuilders, Policymakers, and Resilience Advocates

This dynamic dialogue will open with the first showing of a new video cataloging the Florida building code story over time, including building performance in Hurricanes Helene and Milton. Featured video interviews include Florida homeowners, Former Governor Jeb Bush, Florida CFO Jimmy Patronis, Florida DEM Executive Director Kevin Guthrie, Florida Insurance Commissioner Mike Yaworsky, Babcock Ranch CEO Syd Kitson, Leadership Florida President and CEO Wendy Spencer, Associated Industries of Florida President and Chief Executive Officer Brewster Bevis, and many more. The dialogue will focus on the public-private teams and proven processes to evaluate opportunities to innovate the codes further to meet future storms and more.

1:10 p.m. – 1:45 p.m.

**Moderator: Rick Knabb, Ph.D.,** Hurricane Expert and Tropical Program Manager – *The Weather Channel* 

## **Presenters:**

- 1. Leslie Chapman-Henderson, President and CEO FLASH
- **2. Sharon Magorien**, Chief, Building Science Branch, Planning, Safety & Building Science Division RMD, Resilience FEMA
- JC Hudgison, MPA, CBO, CFM, Chief Building Official/Construction Services Manager, Development & Growth Management – City of Tampa
- 4. Homebuilder Representative 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.

1:50 p.m. – 2:55 p.m.

## **Presenters:**

- **1. Michele Steinberg,** Wildfire Division Director National Fire Protection Association
- 2. Kimiko Barrett, Ph.D., Senior Research & Policy Analyst Headwaters Economics

	3. Anne Cope, Ph.D., P.E., Chief Engineer – Insurance Institute for Business & Home Safety
	<ol> <li>JulieAnna Anastassatos, MA, J.D., Senior Director, Wildfire –</li> <li>Verisk</li> </ol>
	#Partnership #Education #Policy #Wildfire
	(Please join our NDRC wildfire presenters during the Reimagining Wildfire Resilience Breakout session to continue this critical dialogue.)
2:55 p.m. – 3:10 p.m.	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.
3:15 p.m. – 4:20 p.m.	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, Ph.D., P.E., Professor and Interim Dean of Engineering – University of Florida/FLASH Board Director
0.10 p.m. 4.20 p.m.	Presenters:
	<ol> <li>Eric Jing Du, Ph.D., Professor of Civil Engineering – University of Florida</li> </ol>
	2. Petros Sideris, Ph.D., Associate Professor of Civil & Environmental Engineering – Texas A&M University
	<ol> <li>Ryan McMahon, Director and General Manager, Manufacturing Informed Design – Autodesk</li> </ol>
	#Partnership #Engineering
	Panel Presentation - Transforming Wildfire Preparedness: Using CAWFE and Ladris EVAC-1 for Enhanced Community Resilience
4:25 p.m. – 5:00 p.m.	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 Ladris EVAC-1—that play crucial roles in enhancing community resilience.
	<b>CAWFE</b> 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. <b>EVAC-1</b> 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:
	<ol> <li>Janice Coen, Ph.D., Visiting Scholar – University of San Francisco and Project Scientist – Mesoscale and Microscale Meteorology Laboratory and NSF National Center for Atmospheric Research</li> </ol>
	2. Bowen Kyle, Chief Technology Officer – Ladris Technologies, Inc.
	#Education #Wildfire
5:00 p.m.	<b>Daily Wrap-Up &amp; Closing Remarks</b> by <b>Eric Vaughn</b> , Executive Vice President – FLASH
	Welcome Networking Dinner & Reception – Resilience Reimagined
6.20 n m 8.20 n m	Dunes Ballroom I-V, Lobby Level & Exhibits Open – Dunes Foyer
6:30 p.m. – 8:30 p.m.	Join us for the annual NDRC casual networking dinner featuring food stations with delicious local fare.
	Thursday, November 21, 2024
7:30 a.m. – 8:30 a.m.	Breakfast & Registration Open – Dunes Foyer, Dunes Ballroom I-V, Lobby Level
8:30 a.m. – 5:00 p.m.	General Session – Dunes Ballroom I-V, Lobby Level
8:30 a.m. – 8:35 a.m.	Opening Remarks by Eric Vaughn, Executive Vice President – FLASH
	Leadership Voices: CEO Roundtable - Leadership for a Resilient Future
8:35 a.m. – 9:35 a.m.	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.
	<b>Moderator: Dr. Rick Knabb,</b> Hurricane Expert and Tropical Program Manager – The Weather Channel
	Presenters:
	1. Leslie Chapman-Henderson, President and CEO – FLASH
	2. Natalie Enclade, Ph.D., Executive Director – BuildStrong America
	3. Bryan Koon, President and CEO – IEM/FLASH Board Director
	4. Matthew Oblinsky, P.E., Director of Engineering – Deltec Homes, Inc.

	<ol> <li>Dominic Sims, CBO, Chief Executive Officer – International Code Council/FLASH Board Director</li> </ol>
	6. Roy Wright, President and Chief Executive Officer – Insurance Institute for Business & Home Safety
	#Leadership #Policy
	Panel Presentation - The Importance of a Multi-Disciplinary Approach to Wildfire Recovery and Resilience
9:40 a.m. – 10:30 a.m.	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:
	<ol> <li>Dan Bass, RA, CFM, Architect, Building Science Branch, Building Science Disaster Support Program Manager – FEMA</li> </ol>
	<ol> <li>Stacy Wright, FAICP, PMP, CFM, Senior Project Manager – AtkinsRéalis</li> </ol>
	3. Faith Berry, Fire Program Specialist – US Fire Administration
	# Partnership #Engineering #Policy #Wildfire
	(Please join our NDRC wildfire presenters during the Reimagining Wildfire Resilience Breakout session to continue this critical dialogue.)
10:30 a.m. – 10:45 a.m.	Break – Dunes Foyer Exhibits Open – Dunes Foyer, Dunes Ballroom I-V, Lobby Level
	Spotlight Interview - Addressing the Urgent Need for Skilled Trades
	Professionals Post-Disaster
10:45 a.m. – 11:25 a.m.	The path of Hurricane Ian in 2022 left a trail of destruction and created an urgent need for skilled trades professionals to help communities rebuild. At the same time, the devastation left many individuals out of work and with few options. From these challenging circumstances, and through a partnership with NCCER and Lowe's, the idea behind the Rapid Recovery Construction Academy was born and has now been replicated across multiple states. John and the panelists will highlight the urgent need for skilled trade professionals and how the Academy can serve as a model to address immediate and long-term needs in the wake of a disaster.  Interviewer: John Zarrella, President – JZ Media, Former CNN correspondent/
	FLASH Board Advisor

	Presenters:
	1. Betsy Conway, Director – Lowe's Foundation
	<ol> <li>Cathy Tyler, Director of Accreditation and Workforce Development – National Center for Construction Education and Research (NCCER)</li> </ol>
	3. Mittie Cannon, Ph.D., Founder and CEO – Power UP Inc.
	#Partnership #Hurricane #Education
	Spotlight Presentation: <i>Earthquake Resilience - Strategies for a Safer Future</i>
11:30 a.m. – 11:50 a.m.	Join Central United States Earthquake Consortium (CUSEC) Executive Director Brian Blake as he dives into the latest strategies and innovations designed to enhance community safety and preparedness. He will explore 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.
	<b>Presenter: Brian Blake</b> , Executive Director – Central United States Earthquake Consortium (CUSEC)
	#Leadership #Earthquake
	Celebrating Partners in Prevention Luncheon & Keynote Presentation
	This luncheon program will feature an inspiring keynote address and recognition ceremony honoring the invaluable contributions of our longstanding FLASH Partners.
	Keynote Presentation: Leadership Voices - From Crisis to Restoration, the MDS Volunteer Model in Action
11:50 a.m. – 1:00 p.m.	In the aftermath of Hurricane Helene and Milton's recent devastation in Florida and Western North Carolina, Mennonite Disaster Service (MDS) will play a pivotal role in rebuilding communities affected by widespread flooding and structural damage. MDS Executive Director Kevin King will highlight the instrumental role that MDS plays in coordinating volunteer efforts, mobilizing resources, and rebuilding homes for families in need.
	<b>Presenter: Kevin King,</b> Executive Director – Mennonite Disaster Service
	#Leadership #Partnership
1:25 p.m. – 2:10 p.m.	Concurrent Facilitated Breakouts
	Breakout - Reimagining Voices for Resilience (Heron – 3 <sup>rd</sup> Floor)
1:25 p.m. – 2:10 p.m.	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.
	Facilitators/Participants:
	1. Eric Vaughn, Executive Vice President – FLASH
	<ol> <li>Jamieleigh Hudgins, MPA, Culture and Workforce Development Officer, Hermit's Peak/Calf Canyon Claims Office – FEMA</li> </ol>
	Participants:
	<ol> <li>JC Hudgison, MPA, CBO, CFM, Chief Building Official/Construction Services Manager, Development &amp; Growth Management – City of Tampa</li> </ol>
	<ol> <li>Jonathan Westcott, P.E., Civil Engineer, Building Science Branch, Resilience – FEMA</li> </ol>
	#Leadership # Practice
	Breakout - Reimagining Wildfire Resilience (Sandpiper – 3 <sup>rd</sup> 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.
	Facilitators/Participants:
1:25 p.m. – 2:10 p.m.	<ol> <li>Arthur Parks, CPCU, CLU, P&amp;C Portfolio Management Operations Manager - Eastern Market – State Farm Insurance Companies/FLASH Board Chairman</li> </ol>
	2. Audrey Rierson, J.D., Sr. Policy Analyst – FLASH
	#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.)
1:25 p.m. – 2:10 p.m.	Breakout - The Rise of State Mitigation Grant Programs (Ibis – 3rd Floor)
	States are taking action to improve resilience through dedicated mitigation grant programs. This panel will explore the evolution, implementation, and impact of these initiatives designed to help communities reduce risk and enhance preparedness.
	Facilitators/Participants:
	1. Tim O'Neil, Outreach Director – My Safe Florida Home Program
	2. Brian Powell, Catastrophe Risk Resilience Specialist – Center for Insurance Policy and Research (CIPR) – National Association of Insurance Commissioners (NAIC)

	3. Travis Taylor, Acting Director, Office of Risk and Resilience – Alabama Department of Insurance
	#Outreach #Practice
	Roundtable - 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.
	<b>Moderator/Presenter: Leslie Chapman-Henderson,</b> President and CEO – FLASH
2:25 p.m. – 3:10 p.m.	Presenters:
	<ol> <li>Ed Laatsch, P.E., Director, Planning, Safety &amp; Building Science Division, FIMA Risk Management Directorate – FEMA</li> </ol>
	2. Dorothy (Dottie) Mazzarella, Vice President, Government Relations – International Code Council
	3. Leo Angelo Gumapas, P.E., Director (Acting), Transportation Services –
	U.S. Department of Health and Human Services
	4. Ummekulsoom (Umme) Lalani, Project Manager, Equity & Resilience Policy – AtkinsRéalis
	#Leadership #Partnership
	Panel Presentation - Adapting the Future of Housing: The Resilient Housing Planning Guide
3:15 p.m. – 4:05 p.m.	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.
	Presenters:
	<ol> <li>David Perkes, Professor and Director – Gulf Coast Community Design Studio</li> </ol>

2. Dov Block, Coastal and Water Management Division Lead – St. John the Baptist Parish Government 3. Graham Green, Communications Director – Smart Home America **#Outreach #Practice** Spotlight Interview - The Power of PACE: Expert Insights from Renew **Financial** Former CNN correspondent and board advisor John Zarrella will join Matthew Choy, Regional Director, Government Affairs - Renew Financial/FLASH Board Director, to discuss the PACE program. Matthew 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. Matthew will discuss recent changes in Florida legislation and explain their 4:10 p.m. – 4:25 p.m. implications for PACE and its stakeholders. He 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: Matthew Choy,** Regional Director, Government Affairs – Renew Financial/FLASH Board Director #Partnership #Hurricane #Earthquake 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 4:25 p.m. - 5:00 p.m. for leveraging architects' work to build a more resilient future. Moderator: Dorothy "Dottie" Mazzarella, Vice President, Government Relations - International Code Council **Presenters:** 1. Paola Capo, Sr. Manager of Climate Actions and Resilient Communities – American Institute of Architects 2. Stacy Bourne, FAIA, NOMA, Principle, The Bourne Group/Chair of AlA's Disaster Assistance Committee #Partnership #Hurricane #Tornado

5:00 p.m.	<b>Daily Wrap-Up &amp; Closing Remarks</b> by <b>Eric Vaughn</b> , Executive Vice President – FLASH
	Friday, November 22, 2024
7:30 a.m. – 8:30 a.m.	Breakfast & Registration Open – Dunes Foyer, Dunes Ballroom I-V, Lobby Level
8:30 a.m. – 12:30 p.m.	General Session – Dunes Ballroom I-V, Lobby Level
8:30 a.m. – 8:35 a.m.	Opening Remarks by Eric Vaughn, Executive Vice President – FLASH
8:35 a.m. – 9:25 a.m.	Panel Presentation - New Flood and Climate Resilient Consensus Standards Have Arrived! - Learn and Apply Them in Your Community The American Society of Civil Engineers (ASCE) 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, Ph.D., 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  3. John L. Ingargiola, Lead Physical Scientist – FEMA/Building Codes Policy Advisor, NIABC MitFLG Building Codes SME, Policy & Regulations Section, Hazard Mitigation Directorate  #Partnership #Engineering #Flood
	Spotlight Presentation - T.V. Weather: An Everchanging Climate
9:30 a.m. – 9:50 a.m.	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/FLASH 2024 National Weatherperson of the Year #Outreach #Flood #Hurricane #Tornado
9:55 a.m. – 10:30 a.m.	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.
	Interviewer: John Zarrella, President – JZ Media, Former CNN correspondent/ FLASH Board Advisor
	<b>Presenter: Eric Letvin, J.D.,</b> Deputy Assistant Administrator, Mitigation – FEMA
	#Leadership #Partnership #Flood
10:30 a.m. – 10:45 a.m.	Break – Dunes Foyer Exhibits Open – Dunes Foyer, Dunes Ballroom I-V, Lobby Level
	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: Natalie Enclade, PhD, Executive Director – BuildStrong America
	Presenters:
10:50 a.m. – 11:35 a.m.	1. Erica Lopez, Meteorologist – MyRadar
	2. Maureen McCann, Meteorologist – News 13 Orlando
	3. Allyson Rae, Chief Meteorologist – WBBH NBC2, Fort Myers
	4. Irene Sans, Meteorologist – Weather & Radar USA
	5. Juli Marquez, Meteorologist - Spectrum Bay News 9
	#Outreach #Earthquake #Flood #Hurricane #Tornado #Wildfire
	Keynote Presentation - Leadership Voices
	Presenter: Michael Brennan, Ph.D., Director – National Hurricane Center
11:40 a.m. – 12:10 p.m.	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
12:15 p.m. – 12:30 p.m.	Closing Remarks by Leslie Chapman-Henderson, President and CEO – FLASH
	Leslie will recap the conference and deliver a call to action for the FLASH Partnership.

- 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