



Two Carolinas One Purpose One Goal 2025 Conference



Jointly Hosted By
North Carolina Association of Floodplain Managers
South Carolina Association for Hazard Mitigation

PROGRAM

Sunday, April 6 (Pre-conference Activities)	
11:00 AM – 6:00 PM	Annual John Fullerton Memorial Golf Tournament <i>Wilmington Municipal Golf Course, Tee Time 11:00 AM – Bill Tingle, CFM (NCAFP Executive Director)</i>
3:00 – 6:00	Certified Floodplain Manager (CFM) Exam (Soundwatch) <i>(Advance application required)</i>
4:30 – 6:30	Registration <i>(Event Space Foyer, Lobby Entry)</i>
4:30 – Until	SCAHM Board Meeting <i>(Solstice Private Dining Rooms)</i>
5:00 – 8:00	Exhibitor Set-Up <i>(Prefunction Concourse and Adjacent Areas)</i> <i>*Note: Exhibits must be removed before 10:00 PM on Tuesday.</i>
6:30 – Until	Dinner On Your Own... Enjoy Some Networking Time!
6:30 – Until	NCAFP Board Meeting <i>(Solstice Private Dining Rooms)</i>
8:00 – Until	Hospitality Suite <i>(Turtlewatch)</i>
Monday, April 7	
All Day	Silent Auction <i>(Banks Channel Boardroom)</i>
7:00 AM – 10:00 AM	Registration CEC Check-in <i>(Event Space Foyer, Lobby Entry)</i>
7:00 – 8:30	Complimentary Breakfast Buffet <i>(Main lobby near fireplace)</i>
8:30 – Noon	PLENARY SESSION 1 <i>(Lumina Ballroom)</i> Moderators: <i>Lacrecia Bilbrey, PE, CFM (City of Anderson, SC) and Ken Ashe, PE, CFM (Summit)</i>
8:30 – 9:00	Conference Welcome and Association Updates <i>Welcome to the Conference! Lacrecia Bilbrey, PE, CFM (SCAHM Chair) and Laura Arnold, PE, CFM (NCAFP Chair) [5] Chapter Updates: Daryle Fontenot, PE, CFM (SCAHM Executive Director) and Bill Tingle, CFM (NCAFP Executive Director) [10] Program Updates: SCAHM and NCAFP Board Members [10] Conference Announcements: Conference Coordinators [5]</i>
9:00 – 9:10	Local Welcome <i>Darryl Mills, Mayor of Wrightsville Beach [10]</i>
9:10 – 9:40	KEYNOTE: Policies, Programs and Resources: What's New in the World of Floodplain Management [30] <i>Chad Berginnis, CFM (ASFPM Executive Director)</i>
9:40 – 10:00	Break <i>(Assorted Danishes, Coffee and Soft Drinks) (Lobby) and Silent Auction (Banks Channel Boardroom) [20]</i>
10:00 – 10:45	SCDNR and NCEM State Floodplain Management Updates [45] <i>Maria Cox-Lamm, CFM (SC State NFIP Coordinator) and Steve Garrett, CFM (NC State NFIP Coordinator)</i>
10:45 – 11:30	SC and NC State Hazard Mitigation Updates [45] <i>Tyler Spires (SC Emergency Management Division) and Steve McGugan (NC Emergency Management)</i>

Monday, April 7

11:30 – Noon	Resilience Update in the Carolinas [30] <i>Andrew White (SC Office of Resilience) and Amanda Martin (NC Office of Recovery and Resiliency)</i>		
12:00 – 1:30	Networking Luncheon – “Flavors de Mexico Buffet” Lunch Buffet (Main lobby near fireplace)		
1:30 – 5:00	CONCURRENT SESSION BREAKOUTS		
1:30 – 3:00 Note: Duration of individual presentations is in brackets [].	1-A General Track <i>(Airlie/Tidewater)</i> Moderator: Stephen Smith, CFM (Town of Ayden, NC) One [30] <i>Navigating the Storm: Lessons Learned from South Carolina’s 2024 Hurricane Season – Maria Cox-Lamm, CFM (SC Department of Natural Resources (SCDNR)) and Jennifer Housman, PE, CFM (AECOM)</i> Two [30] <i>It’s All Runoff and Stream Flow to Me: NCDOT’s Approaches to Hurricane Helene Response – Kurt Golembesky, PE, CFM (NC Department of Transportation (NCDOT))</i> Three [30] <i>No Adverse Impact/No-Rise Certification for Construction Activities within the FEMA Floodway/Floodplain – Seungho Song, PE, CFM (CDM Smith)</i>	1-B Technical Track <i>(Masonboro/Causeway)</i> Moderator: James Scanlon, GISP, CFM (Mecklenburg County, NC) One [30] <i>Changing Climate: Extreme Precipitation Risks and Hydrologic Design for Infrastructure Planning – Jared Bowden, PhD (State Climate Office of NC)</i> Two [30] <i>Submerged Solutions: Harnessing Gravel Wetlands for Clean Water – Stephanie MacDurmon (Tetra Tech)</i> Three [30] <i>UAS Data Products and Data Collection Methods for Coastal Analysis and Vulnerability Monitoring – Eric Kencel, GISP (AECOM)</i>	1-C / 2-C Specialty Track <i>(Soundwatch)</i> One [3.5 hours] <i>NC Flood Resiliency Blueprint Workshop – Stuart (Stu) Brown (NC Department of Environmental Quality, Division of Mitigation Services)</i> Note: Pre-registration is required; limited to 30 participants Note: A break will be provided from 3:00 – 3:30 PM
3:00 – 3:30	Break (Assorted Snacks and Soft Drinks) (Lobby) and Silent Auction (Banks Channel Boardroom) [30]		
3:30 – 5:00 Note: Duration of individual presentations is in brackets [].	2-A General Track <i>(Airlie/Tidewater)</i> Moderator: Dan Tomczak, CFM (Jacobs) One [30] <i>Carolinas Community Disaster Resilience Zones (CDRZ) – Helene Wetherington and Holly B. White, AICP, CFM (NCORR); Adelaide Bates (SCOR); Kim Adams (Geos Institute)</i> Two [30] <i>ResilientSC: Bridging the Gap for Low-Capacity Communities – David Vaughn and Kevin Autry (Clemson University Clemson Engineers for Developing Communities (CEDC) and South Carolina Institute of Sustainability and Resilience (SCISR))</i> Three [30] <i>Resilience Resources in the Carolinas – Nicole Goddard (NCORR) and Andrew White and Karen Hardison (SCOR)</i>	2-B Technical Track <i>(Masonboro/Causeway)</i> Moderator: Melonee Brock, CFM (Mecklenburg County, NC) One [30] <i>Uncovering the Relationship Between Gage Stages and BFEs to Communicate Flood Risk – Jessica Artz, CFM (SCDNR), Jennifer Housman, PE, CFM (AECOM), and Tyson James (AECOM)</i> Two [30] <i>Can You Be Gaslit by a River: When Swamps and Rivers Have Their Own Agenda – Maria Cox Lamm, CFM (SCDNR), Jennifer Housman, PE, CFM (AECOM), and Jason Currie, PE, CFM (Flood Focus)</i> Three [30] <i>HEC-RAS 2D Modeling and Mapping of Urban Flood Hazard Areas – Barnard Mondal, PE, CFM (HDR Engineering Inc. of the Carolinas)</i>	

Monday, April 7			
5:00 – 7:00	Exhibitors' Social, Hoers d'oeuvre, Full Bar (2 drink tickets provided w/Cash Bar after) (Prefunction Concourse)		
7:00 – Until	Dinner On Your Own... Enjoy Some Networking Time!		
7:00 – Midnight	Hospitality Suite (Turtlewatch)		
Tuesday, April 8			
7:00 AM	Joint Chapter Fun Run! (Meet in the lobby of the Lumina)		
7:00 AM – 5:30 PM	Silent Auction (Banks Channel Boardroom)		
7:00 – 9:00	Registration (Event Space Foyer, Lobby Entry)		
7:30 – 9:00	Complimentary Breakfast Buffet (Main lobby near fireplace)		
9:00 – Noon	PLENARY SESSION 2 (Lumina Ballroom) <i>Moderators: Lacreia Bilbrey (City of Anderson, SC) and Ken Ashe (Summit)</i>		
9:00 – 9:30	TMAC: Helping to Shape the Future of Flood Risk Management [30] <i>Vincent DiCamillo, Chair (Technical Mapping Advisory Council)</i>		
9:30 – 10:00	State Climatology Updates [30] <i>Hope Mizzell, PhD (SC State Climatology Office) and Jared Bowden, PhD (State Climate Office of NC)</i>		
10:00 – 10:30	Break (Assorted Danishes, Coffee and Soft Drinks) (Lobby) and Silent Auction (Banks Channel Boardroom) [30]		
10:30 – 11:00	NC Flood Resiliency Blueprint Update [30] <i>Stuart (Stu) Brown, NC Department of Environmental Quality, Division of Mitigation Services</i>		
11:00 – Noon	Local Representatives Panel Discussion on the Impacts of Hurricane Helene in the Carolinas [60] <i>Panel Moderator: Tommy DeLage, CFM (Richland County, SC)</i> <i>Panel Members: Mike Huffman, CFM (Hendersonville, NC); Jodie Ferguson, CFM (Haywood County, NC); Melinda Cronenberger (York County, SC)</i>		
Noon – 1:30	Networking Luncheon – Create your own Deli Buffet (Main lobby near fireplace)		
1:30 – 2:00	NCAFPM Members Meeting <i>(Airlie/Tidewater)</i> <i>Moderator: Bill Tingle, CFM (NCAFPM)</i>	SCAHM Members Meeting <i>(Masonboro/Causeway)</i> <i>Moderator: Daryle Fontenot, PE, CFM (SCAHM)</i>	
2:00 to 5:00	CONCURRENT SESSION BREAKOUTS		
2:00 – 3:00	3-A General Track <i>(Airlie/Tidewater)</i> Moderator: Jessica Artz, CFM (SCDNR) One [30] <i>Strengthening the Substantial Damage Process – Heather Brown, CFM (SCDNR), and Johnathin Rogers (Marion County, SC)</i> Two [30] <i>Lessons Learned from Western NC Deployment – Craig Harris, CFM; Kathryn Thurston, CFM, AICP; and Travis Henley, CFM, AICP (City of Wilmington)</i>	3-B Technical Track <i>(Masonboro/Causeway)</i> Moderator: Penny Ayers, CFM (Berkeley County, SC) One [30] <i>Part 1 of 2 Engineered Percussion Anchor and Turf Reinforcement Mat Systems for Vegetated Slope Stabilization, Erosion Control, and Revegetation Solutions – Craig A. Shultz (American Excelsior Company)</i> Two [30] <i>Part 2 of 2 Engineered Percussion Anchor and Turf Reinforcement Mat Systems for Vegetated Slope Stabilization, Erosion Control, and Revegetation Solutions – Rick Ruffing (Gripple, Inc.)</i>	3-C Specialty Track <i>(Soundwatch)</i> Moderator: Virginia Spillman, PE, CFM (City of Greensboro, NC) One [30] <i>Machine Learning (ML) Flood Forecasting Efforts in Mecklenburg County – James Scanlon, GISP, CFM (Mecklenburg County), Arash Karimzadeh, PhD (Woolpert), and Neal Banerjee, PE, CFM (Freese and Nichols)</i> Two [30] <i>Bridging the Gap: Trustworthy AI for Effective Floodplain Management – Daniel Kang and Tyson James, PE, CFM (AECOM)</i>

Tuesday, April 8

3:00 – 3:30	BREAK – (Assorted Snacks and Soft Drinks) (Lobby entry)		
3:30 – 5:00 Note: Duration of individual presentations is in brackets [].	<p>4-A General Track (Airlie/Tidewater) Moderator: Penny Ayers, CFM (Berkeley County, SC)</p> <p>One [30] <i>The Future of FEMA Coastal Flood Hazards – An Introduction to Coastal Future of Flood Risk Data (FFRD) Concepts – Erin Benford, PG and Elena Drei-Horgan, PhD, CFM (AECOM)</i></p> <p>Two [30] <i>The Future of FEMA Coastal Flood Hazards – Data Visualization for FFRD Products – Eric Kencel, GISP and Elena Drei-Horgan, PhD, CFM (AECOM)</i></p> <p>Three [30] <i>Case Study in 2D Floodway Modeling and Floodplain Mapping – Martha Cardona, PhD, PE (Freese and Nichols)</i></p>	<p>4-B Technical Track (Masonboro/Causeway) Moderator: Ken Vafier, CFM (New Hanover County, NC)</p> <p>One [30] <i>City of Raleigh Prioritization Scoring for Mitigating Flood Prone Properties – Allison Bryan, PE, CFM (City of Raleigh, NC) and Nathan Slaughter, AICP, CFM (ESP Associates, Inc.)</i></p> <p>Two [30] <i>Agile Principles in Managing Master Planning Program for Stormwater Flooding Resiliency – Alicia Lanier, PE, CFM, HSDP (City of Fayetteville, NC)</i></p> <p>Three [30] <i>NCDOT US74 Corridor Resiliency Study Using AtkinsRéalis City Simulator – Lauren Sester, PE, CFM (AtkinsRéalis) and Kurt Golembesky, PE, CFM (NCDOT)</i></p>	<p>4-C Specialty Track (Soundwatch) Moderator: Tommy DeLage, CFM (Richland County, SC)</p> <p>One [30] <i>From Stormwater to Social Capital: The Multi-Benefit Power of Green Infrastructure – Stephanie MacDermion, PE, CFM (Tetra Tech)</i></p> <p>Two [30] <i>NC Highway 12 Living Shoreline – Jim Gould (Town of Duck, NC)</i></p> <p>Three [30] <i>Exploring Living Shorelines Investigations and Concepts in South Carolina – Erin Benford, PG and Adam Clinch, PE (AECOM)</i></p>
5:00 – 5:30	Silent Auction Close-out (Banks Channel Boardroom)		
6:00 – 9:00	Conference Social – Outdoor Palms of Lumina near pool: Low Country Boil, Games, Full Bar (2 drink tickets provided w/Cash Bar after). In the event of bad weather, the social will be held in the Lumina Ballroom.		
9:00 – Midnight	Hospitality Suite (Turtlewatch)		

Wednesday, April 9

7:30 AM – 9:00 AM	Registration (Event Space Foyer, Lobby Entry)		
7:00 – 8:30	Complimentary Breakfast Buffet (Main lobby near fireplace)		
8:30 – 10:00	CONCURRENT SESSION BREAKOUTS		
8:30 – 10:00 Note: Duration of individual presentations is in brackets [].	<p>5-A General Track (Airlie/Tidewater) Moderator: Melonee Brock, CFM (Mecklenburg County, NC)</p> <p>One [30] <i>Flood Insurance, Claims, Mitigation Opportunities and the Quandary of Risk Communication – Lisa Sharrard, CFM, ANFI, CPM (Choice Flood Insurance LLC)</i></p> <p>Two [30] <i>Managed Retreat in Practice Rather than Theory: Upton/Jones – Spencer Rogers (UNC-Wilmington Coastal Engineering Program)</i></p>	<p>5-B Technical Track (Masonboro/Causeway) Moderator: Eric Lutz, CFM (Folly Beach, SC)</p> <p>One [30] <i>GIS-Based Assessment on the Impact of SLOSH Model Hurricane on Wilmington, NC – Edwin Kotey (MacConnell and Associates, P.C.)</i></p> <p>Two [30] <i>Flood Forecast Modeling in Urban Areas Under Heavy Precipitation Using SAS – Dori Sabeh, PE, GISP (WithersRavenel) and Dev Kakde (SAS)</i></p>	<p>5-C Specialty Track (Soundwatch) Moderator: Kurt Golembesky, PE, CFM (NCDOT)</p> <p>One [30] <i>Local-Scale Drainage Improvements in a Two-County Footprint: Georgetown and Williamsburg Counties, SC, H&H Study – Hassan Ismail, PhD, PE (McCormick Taylor)</i></p>

Wednesday, April 9

8:30 – 10:00 Cont. Note: Duration of individual presentations is in brackets [].	Three [30] <i>Town of Colonial Beach, VA: Flooding Challenges, Climate Change, and Deteriorating Infrastructure – Michael Zehner, AICP, CMF, ENZV SP (Berkely Group) and Holly Miller, PE, CFM (Tetra Tech)</i>	Three [30] <i>Real-Time Flood Forecasting with Real-Time Hourly MRMS Grids and Calibrated 2D Models – U. Sidar Gul, PE, CFM (Guel Engineering)</i>	Three [30] <i>Flooding Tools for More Effective Decision-Making – Cloud Bogart, CFM (Forerunner)</i>
10:00 – 10:30	BREAK – Coffee, Soft Drinks, Snacks (Lobby entry)		
10:30 – Noon	PLENARY SESSION 3 (Lumina Ballroom) Moderator: Ken Ashe (Summit)		
10:30 – 11:00	Western NC Partnership and State Framework for Flood Resilience [30] <i>Tony McEwen (American Flood Coalition)</i>		
11:00 – 11:30	The Great Flood of 1927: Lessons Learned from 100 Years [30] <i>David Key, PE, CFM (ESP Associates)</i>		
11:30 – Noon	Prize Giveaways and Conference Closeout (Must be present to win!) [30] <i>SCAHM and NCAFP Board</i>		
Noon	CONFERENCE ADJOURNS		

PRESENTERS

Kim Adams Jessica Artz, CFM Kevin Autry Neal Banerjee, PE, CFM Adelaide Bates Sam Bays, CFM, CGC, LEED AP, MBA Erin Benford, PG Chad Berginnis, CFM David Betenbaugh, GISP, CFM Cloud Bogart, CFM Jared Bowden, PhD Heather Brown, CFM Stuart (Stu) Brown Allison Bryan, PE, CFM Martha Cardona, PhD, PE Adam Clinch, PE Maria Cox-Lamm, CFM Melinda Cronenberger, CSPR, CFM, CEPSCI Jason Currie, PE, CFM Vincent DiCamillo Elena Drei-Horgan, PhD, CFM Jodie Ferguson, CFM Steve Garrett, CFM Nicole Goddard Kurt Golembesky, PE, CFM Jim Gould	U. Sidar Gul, PE, CFM Karen Hardison Craig Harris, CFM Travis Henley, CFM, AICP Jennifer Housman, PE, CFM Mike Huffman, CFM Hassan Ismail, PhD, PE Tyson James, PE, CFM Pier I. Janrhett, CFM Dev Kakde Daniel Kang Arash Karimzadeh, PhD Jeff Keenum, PG, CFM Eric Kencel, GISP David Key, PE, CFM Edwin Kotey Alicia Lanier, PE, CFM, HSDP Stephanie MacDurmon, PE, CFM Amanda Martin Tony McEwen Steve McGugan Holly Miller, PE, CFM Hope Mizzell, PhD Barnard Mondal, PE, CFM Johnathin Rogers Spencer Rogers Rick Ruffing	Dori Sabeh, PE, GISP James Scanlon, GISP, CFM Lauren Sester, PE, CFM Lisa Sharrard, CFM, ANFI, CPM Craig A. Shultz - CPESC Nathan Slaughter, AICP, CFM Seungho Song, PE, CFM Tyler Spires Kathryn Thurston, CFM, AICP David Vaughn Helene Wetherington Andrew White Holly B. White, AICP, CFM Michael Zehner, AICP, CMF, ENZV SP
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