



Two Carolinas One Purpose One Goal 2025 Conference



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

PROGRAM (DRAFT)

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 (NCAFPM Executive Director)</i>
3:00 – 6:00	Certified Floodplain Manager (CFM) Exam (Turtlewatch) <i>(Advance application required)</i>
4:30 – 6:30	Registration <i>(Event Space Foyer, Lobby Entry)</i>
5:00 – 8:00	Exhibitor Set-Up <i>(Prefunction Concourse and Adjacent Areas)</i> <i>*Note: Exhibits must be removed before 6:00 PM on Tuesday.</i>
6:30 – Until	Dinner On Your Own... Enjoy Some Networking Time!
6:30 – Until	SCAHM and NCAFPM Board Meetings <i>(Solstice Private Dining Rooms)</i>
8:00 – Midnight	Hospitality Suite <i>(Turtlewatch)</i>
Monday, April 7	
All Day	Silent Auction <i>(Banks Channel Boardroom)</i>
7:00 – 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 with Overflow Option in Soundwatch)</i> <i>Moderators: Lacreia Bilbrey (City of Anderson, SC) and Ken Ashe (Summit)</i>
8:30 – 9:00 AM	Conference Welcome and Association Updates <i>Welcome to the Conference! Lacreia Bilbrey, PE, CFM (SCAHM Chair) and Laura Arnold, PE, CFM (NCAFPM Chair) [5]</i> <i>Chapter Updates: Daryle Fontenot, PE, CFM (SCAHM Executive Director) and Bill Tingle, CFM (NCAFPM Executive Director) [10]</i> <i>Program Updates: SCAHM and NCAFPM Board Members [10]</i> <i>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	Association of State Floodplain Managers (ASFPM) National Updates [30] <i>Chad Berginnis, CFM (ASFPM Executive Director)</i>
9:40 – 10:00	Break <i>(Assorted Danishes, Coffee and Soft Drinks) (Lobby)</i> and Silent Auction <i>(Banks Channel Boardroom) [20]</i>
10:00 – 10:30	SCDNR and NCEM State Floodplain Management Updates [30] <i>Maria Cox-Lamm, CFM (SC State NFIP Coordinator) and Steve Garrett, CFM (NC State NFIP Coordinator)</i>
10:30 – 11:00	SC and NC State Hazard Mitigation Updates [30] <i>Tyler Spires (SC Emergency Management Division) and Steve McGugan (NC Emergency Management)</i>
11:00 – 11:30	SCOR and NCORR Panel Discussion [30] <i>Andrew White (SC Office of Resilience) and Amanda Martin (NC Office of Recovery and Resiliency)</i>

Monday, April 7

11:30 – Noon	KEYNOTE SPEAKER [30] <i>Luis Rodriguez, FEMA Headquarters: “The Next Version of Risk MAP 2.0” – Virtual</i>		
12:00 – 1:30 PM	Networking Luncheon – “Flavors de Mexico Buffet” Lunch Buffet (Main lobby near fireplace)		
1:30 to 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 <i>(Town of Ayden, NC)</i> One [30] <i>Navigating the Storm: Lessons Learned from South Carolina's 2024 Hurricane Season – Maria Cox-Lamm, CFM (SC Department of Natural Resources) 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 (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: TBD One [30] <i>Changing Climate: Extreme Precipitation Risks and Hydrologic Design for Infrastructure Planning – Jared Bowden (State Climate Office of NC)</i> Two [30] <i>New High Resolution Landcover Data Coming to the Carolinas – David Betenbaugh, GISP, CFM (NOAA, Office for Coastal Management)</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> Moderator: TBD One [3.5 hours] <i>NC Flood Resiliency Blueprint Workshop – Stuart (Stu) Brown (NC Division of Mitigation Services, NC Department of Environmental Quality)</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 <i>(Jacobs)</i> 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)</i>	2-B Technical Track <i>(Masonboro/Causeway)</i> Moderator: Melonee Brock <i>(Mecklenburg County, NC)</i> 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>	

	<p>and South Carolina Institute of Sustainability and Resilience (SCISR))</p> <p>Three [30] Resilience Resources in the Carolinas – Nicole Goddard (NCORR) and Andrew White and Karen Hardison (SCOR)</p>	<p>Three [30] HEC-RAS 2D Modeling and Mapping of Urban Flood Hazard Areas – Barnard Mondal, PE, CFM (HDR Engineering Inc. of the Carolinas)</p>	
5:00 – 7:00	Exhibitors' Social , Hoers d'oeuvres, Full Bar (2 drink tickets provided w/Cash Bar after) (<i>Prefunction Concourse</i>)		
7:00 – Until	Dinner On Your Own... Enjoy Some Networking Time!		
7:00 – Midnight	Hospitality Suite (<i>Turtlewatch</i>)		

Tuesday, April 8

7:00 AM	Joint Chapter Fun Run! (<i>Meet in the lobby of the Lumina</i>)		
7:00 AM – 5:30 PM	Silent Auction (<i>Banks Channel Boardroom</i>)		
7:00 – 8:30	Registration (<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 2 (<i>Lumina Ballroom with Overflow Option in Soundwatch</i>) <i>Moderators: Lacreia Bilbrey (City of Anderson, SC) and Ken Ashe (Summit)</i>		
8:30 – 9:00	FEMA Region 4 Updates [30] <i>Jason Hunter, CFM and Valerie Anderson, CFM – Virtual</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 (State Climate Office of NC)</i>		
10:00 – 10:30	Break (<i>Assorted Danishes, Coffee and Soft Drinks</i>) (<i>Lobby</i>) and Silent Auction (<i>Banks Channel Boardroom</i>) [30]		
10:30 – 11:00	NC Flood Resiliency Blueprint Update [30] <i>Stuart (Stu) Brown, NC Division of Mitigation Services, NC Department of Environmental Quality</i>		
11:00 – Noon	Local Representatives Panel Discussion on the Impacts of Hurricane Helene in the Carolinas [60] <i>Panel Moderator: Tommy DeLage (Richland County, SC)</i> <i>Panel Members: Mike Huffman (Hendersonville, NC); Jodie Ferguson (Haywood County, NC); Melinda Cronenberger (York County, SC)</i>		
Noon – 1:30 PM	Networking Luncheon – Create your own Deli Buffett (<i>Main lobby near fireplace</i>)		
1:30 – 2:00	<p>NCAFPM Members Meeting (<i>Airlie/Tidewater</i>) Moderator: Bill Tingle, CFM (NCAFPM)</p>	<p>SCAHM Members Meeting (<i>Masonboro/Causeway</i>) Moderator: Daryle Fontenot, PE, CFM (SCAHM)</p>	
2:00 to 5:00	CONCURRENT SESSION BREAKOUTS		
<p>2:00 – 3:00</p> <p>Note: Duration of individual presentations is in brackets [].</p>	<p>3-A General Track (<i>Airlie/Tidewater</i>) Moderator: Jessica Artz (SCDNR)</p> <p>One [30] <i>Strengthening the Substantial Damage Process – Peggy Curtis, CFM (FEMA); Heather Brown, CFM (SCDNR); and Johnathin Rogers (Marion County)</i></p>	<p>3-B Technical Track (<i>Masonboro/Causeway</i>) Moderator: TBD</p> <p>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</i></p>	<p>3-C Specialty Track (<i>Soundwatch</i>) Moderator: Virginia Spillman (City of Greensboro, NC)</p> <p>One [30] <i>Machine Learning (ML) Flood Forecasting Efforts in Mecklenburg County – James Scanlon, GISP, CFM (Mecklenburg County) and Arash Karimzadeh, PhD (Woolpert)</i></p>

	<p>Two [30] Lessons learned from WNC Deployment – Craig Harris, CFM; Kathryn Thurston, CFM, AICP; and Travis Henley, CFM, AICP (City of Wilmington)</p>	<p>Company)</p> <p>Two [30] 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.)</p>	<p>Two [30] Bridging the Gap: Trustworthy AI for Effective Floodplain Management – Daniel Kang and Tyson James, PE, CFM (AECOM)</p>
3:00 – 3:30	BREAK – (Assorted Snacks and Soft Drinks) (Lobby entry)		
<p>3:30 – 5:00</p> <p>Note: Duration of individual presentations is in brackets [].</p>	<p>4-A General Track (Airlie/Tidewater) Moderator: Penny Ayers (Berkeley County, SC)</p> <p>One [30] The Future of FEMA Coastal Flood Hazards – An Introduction to Coastal FFRD Concepts – Erin Benford, PG and Elena Drei-Horgan, PhD, CFM (AECOM)</p> <p>Two [30] The Future of FEMA Coastal Flood Hazards – Data Visualization for FFRD Products – Eric Kencel, GISP and Elena Drei-Horgan, PhD, CFM (AECOM)</p> <p>Three [30] Case Study in 2D Floodway Modeling and Floodplain Mapping – Martha Cardona, PhD, PE (Freese and Nichols)</p>	<p>4-B Technical Track (Masonboro/Causeway) Moderator: TBD</p> <p>One [30] City of Raleigh Prioritization Scoring for Mitigating Flood Prone Properties – Allison Bryan, PE, CFM (City of Raleigh) and Nathan Slaughter, AICP, CFM (ESP Associates, Inc.)</p> <p>Two [30] Agile Principles in Managing Master Planning Program for Stormwater Flooding Resiliency – Alicia Lanier, PE, CFM, HSDP (City of Fayetteville)</p> <p>Three [30] NCDOT US74 Corridor Resiliency Study Using AtkinsRealis City Simulator – Lauren Sester, PE, CFM (AtkinsRéalis) and Kurt Golembesky, PE, CFM (NCDOT)</p>	<p>4-C Specialty Track (Soundwatch) Moderator: Tommy DeLage (Richland County, SC)</p> <p>One [30] From Stormwater to Social Capital: The Multi-Benefit Power of Green Infrastructure – Stephanie MacDurmon, PE, CFM (Tetra Tech)</p> <p>Two [30] NC Highway 12 Living Shoreline – Jim Gould (Town of Duck)</p> <p>Three [30] Exploring Living Shorelines Investigations and Concepts in South Carolina – Erin Benford, PG and Adam Clinch, PE (AECOM)</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 – 9:00 AM	Registration (Event Space Foyer, Lobby Entry)
7:00 – 8:30	Complimentary Breakfast Buffet (Main lobby near fireplace)
8:30 to 10:00	CONCURRENT SESSION BREAKOUTS

<p>8:30 – 10:00</p> <p>Note: Duration of individual presentations is in brackets [].</p>	<p>5-A General Track (Airlie/Tidewater) Moderator: Melonee Brock (Mecklenburg County)</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>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></p>	<p>5-B Technical Track (Masonboro/Causeway) Moderator: TBD</p> <p>One [30] <i>GIS-Based Assessment on the Impact of SLOSH Model Hurricane on Wilmington, North Carolina – 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>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></p>	<p>5-C Specialty Track (Soundwatch) Moderator: TBD</p> <p>One [30] <i>Local-scale drainage improvements in a two-county footprint: Georgetown and Williamsburg Counties, South Carolina, H&H Study – Hassan Ismail, PhD, PE (McCormick Taylor)</i></p> <p>Two [30] <i>Low-level And Nuisance Flood Mitigation Through Temporary, Removable, Surface-applied Systems – Sam Bays, CFM, Certified General Contractor, LEED Accredited Professional, MBA (Swift Response LLC)</i></p> <p>Three [30] <i>Flooding Tools for More Effective Decision-Making – Cloud Bogart, CFM (Forerunner)</i></p>
<p>10:00 – 10:15</p>	<p>BREAK – Coffee, Soft Drinks, Snacks (Lobby entry)</p>		
<p>10:15 – Noon</p>	<p>PLENARY SESSION 3 (Lumina Ballroom) <i>Moderator: Ken Ashe (Summit)</i></p>		
<p>10:15 – 10:45</p>	<p>Western NC Partnership and State Framework for Flood Resilience [30] <i>Tony McEwen (American Flood Coalition)</i></p>		
<p>10:45 – 11:15</p>	<p>NOAA National Weather Service (NWS) – Misinformation with Weather-Related Events [30] <i>Steven Pfaff and Richard Neuherz (NOAA National Weather Service)</i></p>		
<p>11:15 – 11:45</p>	<p>The 1889 Johnstown Flood: Revisiting the South Fork Dam Failure [30] <i>David Key, PE, CFM (ESP Associates)</i></p>		
<p>11:45 – Noon</p>	<p>Conference Closeout and Prize Giveaways (Must be present to win!) [15] <i>SCAHM and NCAFPM Boards</i></p>		
<p>Noon</p>	<p>CONFERENCE ADJOURNS</p>		

PRESENTERS

<p>Kim Adams Valerie Anderson, CFM Jessica Artz, CFM Kevin Autry Adelaide Bates Sam Bays, CFM Erin Benford, PG Chad Berginnis, CFM David Betenbaugh, GISP, CFM Cloud Bogart, CFM Jared Bowden Heather Brown, CFM Stuart (Stu) Brown Allison Bryan, PE, CFM Martha Cardona, PhD, PE Adam Clinch, PE Maria Cox-Lamm, CFM Jason Currie, PE, CFM Peggy Curtis, CFM Vincent DiCamillo Elena Drei-Horgan, PhD, CFM Jodie Ferguson Steve Garrett, CFM Kurt Golembesky, PE, CFM Jim Gould</p>	<p>U. Sidar Gul, PE, CFM Craig Harris, CFM Travis Henley, CFM, AICP Jennifer Housman, PE, CFM Mike Huffman Jason Hunter, 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 Richard Neuherz</p>	<p>Steven Pfaff Luis Rodriguez 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 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</p>
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