



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)	
Noon – 6:00 PM	Annual John Fullerton Memorial Golf Tournament <i>Wilmington Municipal Golf Course, Tee Time 12:30 PM – Bill Tingle, CFM (NCAFP 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 NCAFP 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	Full Complementary Breakfast Buffet <i>(Main lobby near fireplace)</i>
8:30 – Noon	PLENARY SESSION 1 <i>(Lumina Ballroom with Overflow Option in Soundwatch)</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 (NCAFP Chair) [5]</i> <i>Chapter Updates: Daryle Fontenot, PE, CFM (SCAHM Executive Director) and Bill Tingle, CFM (NCAFP Executive Director) [10]</i> <i>Program Updates: SCAHM and NCAFP Board Members [10]</i> <i>Conference Announcements: Conference Coordinators [5]</i>
9:00 – 9:10	Local Welcome [10] <i>Mayor of Wrightsville Beach</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)</i> <i>(Lobby)</i> and Silent Auction <i>(Banks Channel Boardroom)</i> [20]
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”</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: TBD 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 – Seunggho 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 H. 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 Specialty Track <i>(Soundwatch)</i> Moderator: TBD One [90] <i>NC Flood Resiliency Blueprint Workshop – Stuart (Stu) Brown (NC Division of Mitigation Services, NC Department of Environmental Quality)</i> <i>Note: Pre-registration required; limited to 30 participants</i>
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: TBD 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</i>	2-B Technical Track <i>(Masonboro/Causeway)</i> Moderator: TBD One [30] <i>Uncovering the Relationship Between Gage Stages and BFEs to Communicate Flood Risk – Jessica Artz, CFM (SCDNR) and Jennifer Housman, PE, CFM (AECOM)</i> Two [30] <i>Can You Be Gaslit by a River? – 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</i>	2-C Specialty Track <i>(Soundwatch)</i> Moderator: TBD One [90] <i>NC Flood Resiliency Blueprint Workshop (Continued) – Stuart (Stu) Brown (NC Division of Mitigation Services, NC Department of Environmental Quality)</i> <i>Note: Pre-registration required; limited to 30 participants</i>

	(SCISR) Three [30] <i>Resilience Resources in the Carolinas – Nicole Goddard (NCORR) and Andrew White and Karen Hardison (SCOR)</i>	<i>of Urban Flood Hazard Areas – Barnard Mondal, PE, CFM (HDR Engineering Inc. of the Carolinas)</i>	
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	Full Complementary Breakfast Buffet (<i>Main lobby near fireplace</i>)
8:30 – Noon	PLENARY SESSION 2 (<i>Lumina Ballroom with Overflow Option in Soundwatch</i>)
8:30 – 9:00	FEMA Region 4 Updates [30] <i>Jason Hunter, CFM and Valerie Anderson, CFM</i>
9:00 – 9:30	TMAC: Helping to Shape the Future of Flood Risk Management [30] <i>Vincent DiCamillo, Technical Mapping Advisory Council (TMAC) Chair</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 (Invited)</i>
11:00 – Noon	Local Representatives Panel Discussion on the Impacts of Hurricane Helene in the Carolinas [60] <i>Moderator: TBD</i> <i>Panel Members: Mike Huffman (Hendersonville, NC); Jodie Ferguson (Haywood County); SC TBA</i>

Noon – 1:30 PM	Networking Luncheon – Create your own Deli Buffett (<i>Main lobby near fireplace</i>)
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1:30 – 3:00 Note: Duration of individual presentations is in brackets [].	3-A General Track (<i>Airlie/Tidewater</i>) Moderator: TBD	3-B Technical Track (<i>Masonboro/Causeway</i>) Moderator: TBD	3-C Specialty Track (<i>Soundwatch</i>) Moderator: TBD
	One [30] <i>NCAFPM Members Meeting</i>	One [30] <i>SCAHM Members Meeting</i>	One [30] <i>Closed for Member Meeting participation in A and B</i>
	Two [30] <i>Strengthening the Substantial Damage Process – Peggy Curtis, CFM (FEMA); Heather Brown, CFM (SCDNR); and Johnathin Rogers (Marion County)</i>	Two [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>Machine Learning (ML) Flood Forecasting Efforts in Mecklenburg County – James Scanlon, GISP, CFM (Mecklenburg County) and Arash Karimzadeh, PhD (Woolpert)</i>
	Three [30] <i>Lessons learned from WNC Deployment – Craig Harris, CFM; Kathryn Thurston, CFM, AICP; and Travis Henley, CFM, AICP (City of</i>	Three [30] <i>Part 2 of 2 Engineered Percussion Anchor and Turf Reinforcement Mat</i>	Three [30] <i>Bridging the Gap: Trustworthy AI for Effective Floodplain Management – Daniel Kang and Tyson James, PE,</i>

	<i>Wilmington)</i>	<i>Systems for Vegetated Slope Stabilization, Erosion Control, and Revegetation Solutions – Rick Ruffing (Gripple, Inc)</i>	<i>CFM (AECOM)</i>
3:00 – 3:30	BREAK – (Assorted Snacks and Soft Drinks) (Lobby entry)		
3:30 – 5:00 Note: Duration of individual presentations is in brackets [].	4-A General Track <i>(Airlie/Tidewater)</i> Moderator: TBD One [30] <i>FFRMS – A Flexible Framework Forward – Pier I. Janrhatt, CFM and Jeff Keenum, PG, CFM (FEMA Region 4)</i> Two [30] <i>The Future of FEMA Coastal Flood Hazards – An Introduction to Coastal FFRD Concepts – Erin Benford, PG and Elena Drei-Horgan, PhD, CFM (AECOM)</i> Three [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>	4-B Technical Track <i>(Masonboro/Causeway)</i> Moderator: TBD One [30] <i>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.)</i> Two [30] <i>Agile Principles in Managing Master Planning Program for Stormwater Flooding Resiliency – Alicia Lanier, PE, CFM, HSDP (City of Fayetteville)</i> Three [30] <i>NCDOT US74 Corridor Resiliency Study Using AtkinsRealis City Simulator – Lauren Sester, PE, CFM (AtkinsRéalis)</i>	4-C Specialty Track <i>(Soundwatch)</i> Moderator: TBD One [30] <i>From Stormwater to Social Capital: The Multi-Benefit Power of Green Infrastructure – Stephanie MacDurmon, PE, CFM (Tetra Tech)</i> Two [30] <i>NC Highway 12 Living Shoreline – Jim Gould (Town of Duck)</i> Three [30] <i>Exploring Living Shorelines Investigations and Concepts in South Carolina – Erin Benford, PG and Adam Clinch, PE (AECOM)</i>
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	Full Complementary Breakfast Buffet (Main lobby near fireplace)

<p>8:30 – 10:00</p> <p>Note: Duration of individual presentations is in brackets [].</p>	<p>2-A General Track (Airlie/Tidewater) Moderator: TBD</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>Kitty Hawk Case Study – Cloud Bogart, CFM (Forerunner)</i></p>
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10:00 – 10:15	BREAK – Coffee, Soft Drinks, Snacks (Lobby entry)
10:15 – Noon	PLENARY SESSION 3 (Lumina Ballroom)
10:15 – 10:45	American Flood Coalition [30] <i>Tony McEwen, AFC Carolinas Director</i>
10:45 – 11:15	NOAA National Weather Service (NWS) – Misinformation with Weather-Related Events [30] <i>Steven Pfaff and Richard Neuherz, NWS</i>
11:15 – 11:45	City of Asheville: Then and Now, A Historical Perspective... Where Have We Come in 100+ Years? [30] <i>David Key, PE, CFM, ESP Associates</i>
11:45 – Noon	Conference Closeout and Prize Giveaways (Must be present to win!) [15] <i>SCAHM and NCAFPM Boards</i>
Noon	CONFERENCE ADJOURNS

PRESENTERS

<p>BACKUP / WAITING LIST</p> <p><i>Stakeholder Communication of Coastal Risk – Adam Clinch, PE (AECOM)</i></p> <p><i>Revitalizing Cherokee Streams and Wetlands: A Success Story – Brandon Alderman (AECOM) – hold for 2025 FFI??</i></p> <p><i>Submerged Solutions: Harnessing Gravel Wetlands for Clean Water – Stephanie MacDurmon (Tetra Tech)</i></p> <p><i>NFIP Quoting Tool Project Updates – Spencer Rogers (UNC-Wilmington Coastal Engineering Program)</i></p>	<p><i>Swift Current FMA Grant Workshop – Jessica Artz (SCDNR)</i></p> <p><i>Case Study in 2D Floodway Modeling and Floodplain Mapping – Martha Cardona (Freese and Nichols)</i></p>	
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