



Ask Me About...
Floodplain Management

AGENDA

Sunday, April 28 (pre-conference activities)

4:00 – 6:00	Registration (Lumina Prefunction Lobby)
11:30 – 5:00	Annual Golf Tournament & Lunch (City of Wilmington Municipal Golf Course, 311 S. Wallace Ave.) <i>John Fullerton, CFM – NCAFPM</i>
6:00 – 7:30	Welcome Social (Poolside) — Drinks, Light Snacks
8:00 – until	NCAFPM Board Meeting (Oceans Alcove)

Monday, April 29

7:00 – 9:00	Registration (Lumina Prefunction Lobby) – Coffee
8:30 – 10:00	PLENARY SESSION (Lumina Ballroom)
(8:30 – 8:40)	Conference Welcome <i>Brad Burton, CFM & Cynthia Fox Barcklow, AICP, CFM (Conference Co-Chairs)</i> <i>John Fullerton, CFM (NCAFPM Chair)</i>
(8:40 – 8:50)	Welcome to Wrightsville Beach <i>David Cignotti (Mayor of Wrightsville Beach, NC)</i>
(8:50 – 9:00)	NCAFPM/CFM Program Update <i>Bill Tingle, PG, CFM (NCAFPM Executive Director)</i>
(9:00 – 9:15)	ASFPM Foundation and ASFPM Update <i>David Key, PE, CFM (ASFPM Mitigation POD Coordinator)</i>
(9:15 – 10:00)	Ethics and Professionalism <i>Hon. James H. Faison, III, District Court Judge (District 5)</i>
10:00 – 10:30	Break – Bagels, Coffee (Lumina Prefunction Area)
10:30 – 11:45	KEYNOTE ADDRESS: Nine Things You Must Do in Life for Success and Happiness (Lumina Ballroom) <i>Tim Connor, CSP (Globally renowned speaker, trainer and best selling author)</i>
12:00 – 1:15	Lunch Buffet & Membership Meeting (Lumina Prefunction Area) <i>Luncheon Speaker – Tim Connor</i>
1:30 – 3:00	PLENARY SESSION (Lumina Ballroom) <ul style="list-style-type: none"> • NC Floodplain Mapping Program [40] <i>John Dorman, CFM (NCGTM Director)</i> • Legislative Issues and Legal Corner [40] <i>Rich Ducker (UNC School of Government)</i> • Discussion/Questions [10]
3:00 – 3:30	Break – Brownies, Tea, Lemonade (Lumina Prefunction Area)
3:30 – 5:00	PLENARY SESSION, cont. – Recent Legislation Affecting Floodplain Management (Lumina Ballroom) <i>John Gerber, PE, CFM (NCEM NFIP State Coordinator); Spencer Rogers (NC Sea Grant); Berry Williams, CFM</i> Biggett-Waters NFIP Reform Act • North Carolina Building Codes • Community Rating System (CRS) Impacts • Discussion
6:00-8:00	Exhibitors' Social – Hors D'Oeuvres & Refreshments (Lumina Prefunction Area)

Tuesday, April 30

7:30 – 8:30	Registration (Main Lobby) – Ham/Sausage Biscuits, Coffee		
8:30 – 10:00	<p>Mitigation Tract (Masonboro) <i>Moderator: Tony Wilson, CFM</i></p> <p>Protecting Owners from Flood Damage One Lot at a Time [20] <i>Betsy Pearce, CFM (Wake County)</i></p> <p>Buy Your Way Out of Trouble [20] <i>Sarah Easter, CFM (THC, Inc.)</i></p> <p>Substantial Improvement Case Study [20] <i>John Fullerton, CFM, CZO, Ed.M. (Wilmington)</i></p> <p>FRIS and FRMP: Tools for Flood Risk Mitigation [20] <i>Randy Mundt, AICP, CFM (NCEM/GTM)</i></p> <p>Questions and Answers [10]</p>	<p>HEC-RAS Track (Oceanwatch)</p> <p>HEC-RAS Overview <i>Joe Kirby, PE, CFM (ESP)</i></p> <p>GIS Based H&H Modeling <i>Amit Sachan, PE, CFM (Parsons Brinckerhoff)</i></p>	<p>Technical Track (Airlie) <i>Moderator: David Key, PE, CFM</i></p> <p>How the West Was Won (Utilizing LiDAR Technology and Project Design) [25] <i>Harold Rempel, CP, GISP (McKim & Creed, Inc.)</i></p> <p>NCFMP’s Workflow and Processes for Hazard Risk Database [25] <i>Tonda Shelton, CFM (NCEM/GTM); Gray Minton, GISP, (AECOM); Richard Fogleman, GISP, CFM (AECOM)</i></p> <p>Accounting for Storage Reduction in Floodway Analysis and Mapping in Mecklenburg County [30] <i>Neal Banerjee, PE, CFM (ESP Assoc.)</i></p> <p>Questions and Answers [10]</p>
10:00 – 10:30	Break — Danish, Coffee (Lumina Prefunction Area)		
10:30 – noon	<p>Mitigation Tract (Masonboro) <i>Moderator: Drew Blackwell, CFM</i></p> <p>Using Web Processing Services to Aid in Disaster Recovery [30] <i>Katie Hermann, CFM and Sara Cassidy (Dewberry)</i></p> <p>What’s it All Worth? Using Automated Tools to Measure Losses Avoided [30] <i>Gray Minton, PE, GISP (AECOM)</i></p> <p>Managing an HMGP Buyout [20] <i>Stephanie Griffin, PE, CFM (Freese & Nichols, Inc.)</i></p> <p>Questions and Answers [10]</p>	<p>HEC-RAS Track (Oceanwatch)</p> <p>Bridge Modeling <i>Karl Dauber, PE, CFM (Parsons Brinckerhoff)</i></p> <p>Encroachment Modeling <i>Al Souid, Ph.D., CFM (AMEC)</i></p>	<p>Technical Track (Airlie)</p> <p>CRS Manual Update: Changes and Potential Impacts [90] <i>Berry Williams, CFM</i></p>
12:15 – 1:15	<p>Lunch Buffet & Awards (Lumina Grand Ballroom) <i>John Gerber, PE, CFM (NCNFIP); Mandy Todd, CFM (ISO)</i></p> <ul style="list-style-type: none"> • NFIP State Coordinator’s Award • CFM Certificates and Recognitions • CRS Community Recognition 		
<p>1:30 – 3:00</p> <p>Note: HEC-RAS webinar from 1:30 – 3:30</p>	<p>Mitigation Tract (Masonboro) <i>Moderator: John Fullerton, CFM</i></p> <p>Round Table: Axe the Panel [90] Biggert-Waters Legislation, CRS impacts, Building Code, Regulatory concerns, Local enforcement challenges</p> <p>Panelists: <i>John Gerber (NCEM); Berry Williams; Spencer Rogers (NC Sea Grant); Chris Crew (SHMO), Collis Brown (FEMA/Reg. IV); Holly White (Currituck Co.); John Fullerton (Wilmington)</i></p>	<p>HEC-RAS Track (Oceanwatch)</p> <p>HEC-RAS Webinar with USACOE [120]*</p> <p>Introduction to RAS Mapper <i>Cameron Ackerman, PE (HEC)</i></p> <p>HEC-RAS and 2D Modeling <i>Gary Brunner, PE (HEC)</i></p> <p>30 Mins Q&A</p> <p><i>*Note: This session will go until 3:30pm with a break from 3:30-4pm. The next session in this track will begin at 4pm.</i></p>	<p>Coastal Track (Airlie)</p> <p>NCFMP Coastal Mapping Update and Preview of Changes and New Products [45] <i>Maureen O’Shea, CFM, AICP & Ken Ashe PE, CFM (NCEM/GTM)</i></p> <p>NC Division of Coastal Management’s Erosion Rate Mapping and Rule Changes [45] <i>Ted Tyndall (NCDCM)</i></p>
3:00 – 3:30	Break (Lumina Prefunction Area)		

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Tuesday, April 30

<p>3:30 – 5:00</p> <p>Note: HEC-RAS training from 4:00 – 5:00</p>	<p>Mitigation Tract (Masonboro) <i>Moderator: Stephen Smith, CFM</i></p> <p>Post-Sandy FFE/Recovery – Manasquan, NJ [30] <i>David Key PE, CFM (ESP)</i></p> <p>Shoreline Mitigation Design Concepts for Living Shorelines [30] <i>Chris Mack, PE (AECOM)</i></p> <p>Flood Hazard Mitigation Update [20] <i>Chris Crew, CFM (NCEM – State Hazard Mitigation Coordinator)</i></p> <p>Questions and Answers [10]</p>	<p>HEC-RAS Track (Oceanwatch) <i>*Note: This session will begin at 4pm.</i></p> <p>Quality Assurance <i>Cameron Long, PE, CFM (Dewberry)</i></p> <p>Q&A <i>Cameron Long, PE (Dewberry); Dan Brubaker, PE, CFM (NCEM)</i></p>	<p>CFM Review Session (Soundwatch)</p> <p>NFIP 101 – CFM Preparation [120] <i>Maureen O'Shea, CFM, AICP; Randy Mundt, CFM, AICP (NCEM/GTM); John Gerber, PE, CFM (State NFIP Coordinator)</i></p>
<p>6:00 – 7:30</p>	<p>Pool-side Social — Drinks, Light Snacks</p>		

Wednesday, May 1

<p>7:30 – 9:00</p>	<p>Registration Refreshments – Ham/Sausage Biscuits, Coffee (Lumina Prefunction Area)</p>		
<p>8:00 – 9:30</p>	<p>Storm Water Track (Masonboro) <i>Moderator: Brad Burton, CFM</i></p> <p>Utilizing Mobile GIS for Public Works [25] <i>Noelle Gaspard, PE, GISP (Freese & Nichols, Inc.)</i></p> <p>Coon Creek Upper Watershed Restoration [25] <i>Michael Hanson, PE, LEED AP & Cameron Long, PE (Dewberry)</i></p> <p>Innovative Stormwater Master Planning: Town of Cary [25] <i>Dan Clinton, PE, CFM, CSM (Town of Cary)</i></p> <p>Questions and Answers [15]</p>	<p>Training Track (Airlie) <i>Moderator: Amit Sachan, PE, CFM</i></p> <p>Helpful Tools in HEC-RAS for Floodplain Mitigation [40] <i>Karl Dauber, PE, CFM & Charles Heafner, PE, CFM (Parsons Brinckerhoff)</i></p> <p>Understanding Floodproofing Options for Non-Residential Buildings [40] <i>J. Paul Abrams (Smart Vent Products, Inc.)</i></p> <p>Questions and Answers [10]</p>	<p>Certified Floodplain Manager (CFM) Exam (Oceans Alcove)</p>
<p>9:30 – 11:00</p>	<p>Storm Water Track (Masonboro) <i>Moderator: Karl Dauber, PE, CFM</i></p> <p>Leveraging Local Funds: City of Bryan [30] <i>Scott Hubley, PE & Mike Wayts, PE, CFM (Freese & Nichols, Inc.)</i></p> <p>Multi-Year Stormwater Master Planning and Implementation [30] <i>Chris Costner, PE, CFM (City of Monroe) & Seungho Song, PE, CFM (CDM Smith)</i></p> <p>New Gage & Inundation Mapping [20] <i>Ken Ashe, PE, CFM (NCEM/GTM)</i></p> <p>Questions and Answers [10]</p>	<p>Coastal Track (Airlie) <i>Moderator: Billy Merrill, PLS, CFM</i></p> <p>Coastal Regulations that can be Problematic to Enforce (S/D, S/I, Enclosures) [30] <i>Maureen O'Shea, AICP, CFM (NCEM/NFIP); Dan Brubaker, PE, CFM (NCEM/GTM)</i></p> <p>Development of Total Water Surface for Overland Wave Modeling [20] <i>Paul Carroll, PE (AECOM)</i></p> <p>Primary Frontal Dune (PFD) Delineations – Challenges & Solutions [30] <i>Chris Mack, PE (AECOM)</i></p> <p>Questions and Answers [10]</p>	

PRESENTERS

J. Paul Abrams (Smart Vent Products)
Cameron Ackerman, PE (USACE)
Ken Ashe PE, CFM (NCEM/GTM)
Neal Banerjee, PE, CFM (ESP Assoc.)
Collis Brown (FEMA Reg. IV)
Dan Brubaker, PE, CFM (NCEM/GTM)
Gary Brunner, PE (USACE)
Paul Carroll, PE (AECOM)
Sara Cassidy (Dewberry)
Dan Clinton, PE, CFM, CSM (Town of Cary)
Tim Connor (Keynote)
Chris Costner, PE, CFM (City of Monroe)
Chris Crew, CFM (NCEM)
Karl Dauber, PE, CFM (Parsons Brinckerhoff)
John Dorman, CFM (NCGTM)
Rich Ducker (UNC)

Sarah Easter, CFM (THC, Inc.)
Hon. James H. Faison, III (District 5)
Richard Fogleman, GISP, CFM (AECOM)
John Fullerton, CFM, CZO, Ed.M. (City of Wilmington)
Noelle Gaspard, PE, GISP (Freese & Nichols, Inc.)
John Gerber, PE, CFM (NCEM)
Stephanie Griffin, PE, CFM (Freese & Nichols, Inc.)
Michael Hanson, PE, LEED AP (Dewberry)
Charles Heafner, PE, CFM (Parsons Brinckerhoff)
Katie Hermann, CFM (Dewberry)
Scott Hubley, PE (Freese & Nichols)
David Key, PE, CFM (ESP)
Joe Kirby, PE, CFM (ESP)
Cameron Long, PE (Dewberry)

Chris Mack, PE (AECOM)
Gray Minton, PE, GISP (AECOM)
Randy Mundt, AICP, CFM (NCEM/GTM)
Maureen O'Shea, CFM, AICP (NCEM/GTM)
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Spencer Rogers (NC Sea Grant)
Amit Sachan, PE, CFM (Parsons Brinckerhoff)
Tonda Shelton, CFM (NCEM/GTM)
Seungho Song, PE, CFM (CDM Smith)
Al Souid, Ph.D., CFM (AMEC)
Ted Tyndall (NCDRCM)
Mike Wayts, PE, CFM (Freese & Nichols)
Holly White, CFM (Currituck Co.)
Berry Williams, CFM

EXHIBITORS

AECOM
ESP Associates
Freese & Nichols
McKim & Creed
Parsons Brinckerhoff
THC
Wildlands Engineering

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