



2015
NCAFP M
ANNUAL CONFERENCE
Mitigation Starts
with Yourself-ie
AGENDA

Sunday, April 26 (pre-conference activities)	
12:00 – 5:00 PM	Annual Golf Tournament & Lunch (The Emerald Golf Club, 5000 Club House Drive, New Bern, NC 28562) <i>John Fullerton, CFM (NCAFP M)</i>
4:00 – 6:00 PM	Registration (Pre-Function Area)
5:00 – 7:00 PM	Exhibitors Setup (Pre-Function Area) *Note: Exhibits must be removed before 4:00 PM on Tuesday
5:00 – 7:00 PM	Poolside Welcome – light refreshments
7:30 – 9:00 PM	NCAFP M Board Meeting (Captain Ratty's Seafood Restaurant)
9:00 – 11:00 PM	Hospitality Suite (Room TBA)

Monday, April 27	
7:00 – 9:00 AM	Registration (Pre-Function Area) – bagels, coffee, tea
8:30 – 10:00 AM	PLENARY SESSION (Grand Ballroom)
(8:30 – 8:40)	Conference Welcome <i>John Fullerton, CFM (Conference Chair) and Cynthia Barcklow, AICP, CFM (NCAFP M Chair)</i>
(8:40 – 8:50)	Welcome to New Bern <i>The Honorable Dana Outlaw (Mayor, City of New Bern)</i>
(8:50 – 9:00)	NCAFP M/CFM Program Update <i>Bill Tingle, PG, CFM (NCAFP M Executive Director)</i>
(9:00 – 9:15)	ASFPM Foundation <i>Jane Bachick (H2O Partners, Inc.)</i>
(9:15 – 10:00)	Coastal Hazards and Management Challenges: Examples and Insights from Northern NC <i>J.P. Walsh, PhD and D. Reide Corbett, PhD (East Carolina University)</i>
10:00 – 10:30 AM	Break – coffee, tea, danish, muffins (Pre-Function Area)
10:30 – 11:45 AM	KEYNOTE ADDRESS: NC Floodplain Mapping Program Update (Grand Ballroom) <i>John Dorman, CFM and Ken Ashe, PE, PMP, CFM (NCEM)</i>
11:45 AM	Conference Photo (Outside Patio)
12:00 – 1:15 PM	Italian Lunch Buffet (Grand Ballroom) <ul style="list-style-type: none"> • Platinum Sponsors – <i>Alpha & Omega Group, Freese and Nichols</i> • NCAFP M Mentor Program Announcement – <i>Holly White, AICP, CFM and Mike Wayts, PE, CFM (NCAFP M)</i> • Integration of Floodplain Restoration/Management and Green Infrastructure <i>Peter Raabe (American Rivers)</i>
1:30 – 3:00 PM	PLENARY SESSION (Grand Ballroom) <ul style="list-style-type: none"> • Dam Safety under the Coal Ash Management Act – <i>Secretary Donald R. van der Vaart (NCDENR)</i> • Stormwater BMP Practices Updates – <i>Bill Hunt, PhD, PE (NC State University)</i>

Monday, April 27

3:00 – 3:30 PM	Break – hot pretzels, assorted sodas and juices (Pre-Function Area)
3:30 – 5:00 PM	PLENARY SESSION, cont. (Grand Ballroom) <ul style="list-style-type: none"> • FEMA’s New Flood Advocate Office – <i>David Stearrett, CFM (FEMA Headquarters)</i> • Federal Flood Risk Management Standard – <i>David Stearrett, CFM (FEMA Headquarters)</i>
6:00 – 8:00 PM	Exhibitors’ Social – light hors d’oeuvres and refreshments (Grand Ballroom and Pre-Function Area) **Don’t miss NCAFPM’s new Flood Model demonstration!**
8:00 – 11:00 PM	Hospitality Suite (Room TBA)

Tuesday, April 28

7:30 – 8:30 AM	Registration (Pre-Function Area)		
8:30 – 10:00 AM	<p>Track A (Grand Ballroom) <i>Moderator: David Key, PE, CFM (ESP Associates)</i></p> <p>Mitigation is Everyone’s Business [30] <i>Randy Mundt, AICP, CFM (NCFMP) & Katie Hermann, CFM (Dewberry)</i></p> <p>I’m From the Federal Government and Am Here to Help: Extending Local Resources through Partnering with the Corps in Addressing Water Resource Concerns [30] <i>Jason Glazener (USACE-Wilmington)</i></p> <p>Integrating the UN Disaster Resilience Scorecard for Cities and Local Hazard Mitigation Planning [30] <i>Joe Chapman, PE, CFM (AECOM) & Tim Trautman, PE, CFM (Mecklenburg County)</i></p>	<p>Training Track 1 (Lawson Room)</p> <p>Mentoring Program Updates [30] <i>Holly White, AICP, CFM & Mike Wayts, PE, CFM (NCAFPM)</i> <i>*Attendees will go to Track A or Track B after this 30 minute presentation.</i></p> <p>Training Track 2: Get Involved In NCFPM <i>*NOTE: Pre-registration required for this rotating class session.</i></p> <p>Education & Outreach (Gaston Rm) [45] <i>Drew Blackwell, ANFI, CFM (NCAFPM Education & Outreach Chair)</i></p> <p>Flood Model Training (Hawks Rm) [45] <i>Dean Goodison, PE & Joe Martinenza, PE, CFM (Atkins Global)</i></p>	<p>Track B (Bradham Room) <i>Moderator: Ted Bartelt, PE (Alpha & Omega Group)</i></p> <p>Coastal Mapping Workshop: Overview of Coastal Mapping Processes and Procedures [60] <i>NC Floodplain Mapping Program</i></p> <p>FEMA Post-Preliminary Process from Preliminary to Adoption [30] <i>Randy Mundt, AICP, CFM (NCFMP) & Katie Hermann, CFM (Dewberry)</i></p>
9:00 – 11:00 AM	Field Trip - preregistration required. See back page for details.		
10:00 – 10:30 AM	Break – coffee, tea, danish, muffins (Pre-Function Area)		
10:30 AM – noon	<p>Track A (Grand Ballroom) <i>Moderator: Chris Crew, CFM (NCEM)</i></p> <p>Mitigation Funding & FMA and PDM Grants [20] <i>Chris Crew, CFM (NCEM)</i></p> <p>Mitigation Success Stories [70] City of Charlotte <i>David Goode, PE, CFM</i></p> <p>Dare County <i>Jenny Jones</i></p> <p>Town of Cary <i>Dan Clinton, PE, CFM</i></p>	<p>Training Track (Lawson Room)</p> <p>HEC-HMS Basics <i>Greg Garrett, PE, CFM (ESP)</i> <i>Cameron Long, PE (Dewberry)</i> <i>Greg Rucker, PE, CFM (AECOM)</i> <i>Joe Kirby, PE, CFM (ESP)</i> <i>Rahish Khatri, PE, CFM (Dewberry)</i> <i>Jason Currie, PE, CFM (AECOM)</i> <i>Amit Sachan, PE, CFM (Alpha & Omega)</i> <i>Kurt Golembesky, PE, CFM (NCFMP)</i></p> <p>Note: Training is open to anyone who attends the conference. Some laptop computers will be provided for the class but attendees are encouraged to bring their own. (Windows XP or later and pdf reader required.) The HEC-HMS Model software (and training materials) will be provided and installed as part of the class.</p>	<p>Track B (Bradham Room) <i>Moderator: Joe Chapman, PE, CFM (AECOM)</i></p> <p>Monroe Stormwater Master Plan – The Second Phase [30] <i>Chris Costner, PE (City of Monroe) & Seungho Song, PE, CFM (CDM Smith)</i></p> <p>Using Stormwater Utility Fees to Promote Low Impact Development [30] <i>Mike Wayts, PE, CFM & Trey Shanks (Freese and Nichols)</i></p> <p>Combined 1D and 2D Modeling Using HEC-RAS [30] <i>Rahish Khatri, PE, CFM & Drew Vance, EI (Dewberry)</i></p>
12:15 – 1:15 PM	Grilled Lunch Buffet & Membership Meeting (Grand Ballroom) <ul style="list-style-type: none"> • Platinum Sponsors – <i>Atkins, ESP Associates</i> • CRS Awards and Recognition for CFMs • NC CFM Program • Election of Officers and Organization Business 		

Tuesday, April 28

<p>1:30 – 3:00 PM</p>	<p>Track A (Grand Ballroom) <i>Moderator: John Gerber, PE, CFM (NCEM)</i></p> <p>Floodplain Management: Lessons Learned and Success Stories From Communities</p> <p>Town of Erwin <i>Kathy Blake, AICP & Bill Dreitzler, PE</i></p> <p>Town of North Topsail <i>Deb Hill, CFM</i></p> <p>Town of Nags Head <i>Holly White, AICP, CFM</i></p>	<p>Training Track (Lawson Room)</p> <p>HEC-HMS Basics, cont. <i>AECOM, Alpha & Omega Group, Amec Foster Wheeler, Dewberry, ESP Associates</i></p>	<p>Track B (Bradham Room) <i>Moderator: Katie Hermann, CFM (Dewberry)</i></p> <p>GeoDam-BREACH Toolset [45] <i>Maged Aboelata, PhD, PE, CFM (AECOM)</i></p> <p>Remote-Controlled Bathymetric Survey Improves Floodplain Mapping Quality and Personnel Safety [45] <i>Dean Goodison, PE & Greg Garner, RLS (Atkins Global)</i></p>
<p>2:00 – 4:00 PM</p>	<p>Field Trip - preregistration required. See back page for details.</p>		
<p>3:00 – 3:30 PM</p>	<p>Break — ice cream bars, assorted sodas and juices (Pre-Function Area)</p>		
<p>3:30 – 5:00 PM</p>	<p>Track A (Grand Ballroom) <i>Moderator: Cynthia Burley, CFM (Onslow County)</i></p> <p>Get Me Outta Here! LOMAs, LOMR-Fs and Other Methods to Remove Property from the SFHA [30] <i>Bill Tingle, PG, CFM (Geomatics Workshops)</i></p> <p>Problems That Floodplain Administrators Face [30] <i>Lloyd Tyndall, PE</i></p> <p>NFIP Loss Prevention Overview [30] <i>J. Paul Abrams (SmartVent)</i></p>	<p>Training Track (Lawson Room) <i>Moderator: Leigh Chapman, CFM (Salter's Creek Consulting)</i></p> <p>NFIP – CRS Program [65] <i>Mandy Todd, AICP, CFM & Mike Bratcher, CFM (ISO)</i></p> <p>CRS Activities Working Together for Increased Credit [25] <i>David Stroud, CFM & Amy Crowley, PE, PMP, CFM (Amec Foster Wheeler)</i></p>	<p>CFM REVIEW (Gaston Room)</p> <p>Floodplain Management 101 NC Floodplain Mapping Program</p>
<p>6:30 – until</p>	<p>Conference Social – heavy hors d'oeuvres (Captain Ratty's Seafood Restaurant) with entertainment by Diane Dees Karaoke, Delta Bones Band</p>		

Wednesday, April 29

<p>7:30 – 9:00 AM</p>	<p>Registration (Pre-Function Area) – ham/sausage biscuits, coffee, tea</p>		
<p>8:30 – 10:00 AM</p>	<p>Track A (Grand Ballroom) <i>Moderator: Eric Coughlin, CFM (Atkins)</i></p> <p>Leveraging Emerging Technologies for Better Risk Management [30] <i>Garrett Shields, GISP, CFM (Amec Foster Wheeler)</i></p> <p>This Ain't Your Daddy's Data Collector – Mobile Data Collection and Reporting [30] <i>Andrew Martin, PE & Laura Wilson, PMP (ESP Associates)</i></p> <p>Wetlands Delineation for the 21st Century [30] <i>Richard Kirby & J. Brent Slone, PMP, GISP, CFM (Amec Foster Wheeler)</i></p>	<p>Certified Floodplain Manager (CFM) Exam (Gaston Room)</p>	
<p>10:00 – 10:30 AM</p>	<p>Break – coffee, tea, danish, muffins (Pre-Function Area)</p>		
<p>10:30 AM – noon</p>	<p>Track A (Grand Ballroom) <i>Moderator: Garrett Shields, GISP, CFM (Amec Foster Wheeler)</i></p> <p>2D modeling with FLO-2D for FEMA First Pass Analysis [30] <i>Joseph Kirby, PE, CFM & Mathew Hornack, PE, CFM (ESP Associates)</i></p> <p>1D & 1D/2D Modeling Approaches to Evaluate Flooding Within the City of Newport News, Virginia [30] <i>Steve Godfrey, PE, CFM (Woolpert), David Powell, PhD, PE (Woolpert), Jamie Clark, PE (City of Newport News)</i></p> <p>Probabilistic Storm Surge Risk Assessment Using a Synthetic Hurricane Database [30] <i>Michelle Terry & Jeb Benzing (Binera, Inc)</i></p>		
<p>noon</p>	<p>Conference adjourns - travel safely home!</p>		

PRESENTERS

J. Paul Abrams (SmartVent)
 Maged Aboelata, PhD, PE, CFM (AECOM)
 Ken Ashe, PE, PMP, CFM (NCEM)
 Jane Bachick (H2O Partners)
 Jeb Benzing (Binera, Inc.)
 Drew Blackwell, ANFI, CFM (AECOM)
 Kathy Blake, AICP (Town of Erwin)
 Mike Bratcher, CFM (ISO)
 Joe Chapman, PE, CFM (AECOM)
 Jamie Clark, PE (City of Newport News)
 Dan Clinton, PE, CFM (Town of Cary)
 D. Reide Corbett, PhD (ECU)
 Chris Costner, PE (City of Monroe)
 Amy Crowley, PE, PMP, CFM (Amec Foster Wheeler)
 Chris Crew, CFM (NCEM)
 Jason Currie, PE, CFM (AECOM)
 John Dorman, CFM (NCEM)
 Bill Dreitzler, PE (MS Consultants)
 Greg Garner, RLS (Atkins Global)
 Greg Garrett, PE, CFM (ESP)
 Jason Glazener (USACE-Wilmington)

Steve Godfrey, PE, CFM (Woolpert)
 Kurt Golembesky, PE, CFM (NCFMP)
 David Goode, PE, CFM (Mecklenburg Co.)
 Dean Goodison, PE (Atkins Global)
 Katie Hermann, CFM (Dewberry)
 Deb Hill, CFM (Town of North Topsail Beach)
 Mathew Hornack, PE, CFM (ESP Associates)
 Bill Hunt, PhD (NC State University)
 Jenny Jones (Dare County)
 Rahish Khatri, PE, CFM (Dewberry)
 Joseph Kirby, PE, CFM (ESP Associates)
 Richard Kirby (Amec Foster Wheeler)
 Cameron Long, PE (Dewberry)
 Andrew Martin, PE (ESP Associates)
 Joe Martinenza, PE, CFM (Atkins)
 Randy Mundt, AICP, CFM (NCFMP)
 David Powell, PhD, PE (Woolpert)
 Peter Raabe (American Rivers)
 Greg Rucker, PE, CFM (AECOM)
 Amit Sachan, PE, CFM (Alpha & Omega Group)

Trey Shanks (Freese and Nichols)
 Garrett Shields, GISP, CFM (Amec Foster Wheeler)
 J. Brent Slone, PMP, GISP, CFM (Amec Foster Wheeler)
 Seungho Song, PE, CFM (CDM Smith)
 David Stearrett, CFM (FEMA)
 Jeb Benzing (Binera, Inc)
 David Stroud, CFM (Amec Foster Wheeler)
 Michelle Terry (Binera, Inc)
 Bill Tingle, PG, CFM (Geomatics Workshops)
 Mandy Todd, AICP, CFM (ISO)
 Tim Trautman, CFM (Mecklenburg Co.)
 Lloyd Tyndall, PE
 Donald van der Vaart (NCDENR)
 Drew Vance, EI (Dewberry)
 J.P. Walsh, PhD (East Carolina University)
 Mike Wayts, PE, CFM (Freese and Nichols)
 Holly White, AICP, CFM (Town of Nags Head)
 Laura Wilson, PMP (ESP Associates)

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GIVEAWAY

Dewberry
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**Mitigation Starts
with Yourself-ie**

Additional Activities

NCAFP M 2nd Annual SILENT AUCTION (Palmer Room)

Monday, April 27

9:00 – 10:30 AM

3:00 – 3:30 PM

6:00 – 8:00 PM

Tuesday, April 28

7:30 – 8:30 AM

10:00 – 10:30 AM

1:00 – 5:30 PM

Local Flood Mitigation Project FIELD VISITS

(Tuesday, April 28 | 9-11 AM & 2-4 PM)

Sign-up required at the Registration Desk

Pamlico County HMGP Irene Site Visit
(two units under construction)

&

Craven County HMGP Irene Site Visit
(walkthrough of two elevated houses)

Instructors: Chris Hilbert, HCP;
Gary Miller, HCP; Bobby Joyner, Appian

SELFIE CONTEST #NCAFP M2015

Post a selfie on Facebook or Twitter using the
hashtag **#NCAFP M2015**.

Show your support and enthusiasm for flood
mitigation! There will be prizes!