



Fall Floodplain Institute

NORTH CAROLINA ASSOCIATION OF FLOOD PLAIN MANAGERS

PROGRAM

14th Annual Fall Floodplain Institute
October 16 - 18, 2019
Cherokee, NC

Tuesday, October 15	
6:30 PM - 9:00 PM	NCAFP Board Meeting
Wednesday, October 16	
7:30 AM – 1:00 PM	Golf Outing (Smokey Mountain Country Club) Coordinator: John Fullerton, CFM (NCAFP)
12:30 – 1:45 PM	Registration (Pre-Function Area)
1:45 – 3:15 PM	PLENARY SESSION 1: OPENING (Oak Ballroom) Master of Ceremonies: David Key, PE, CFM 2019 FFI Program Chair (ESP Associates) Tribal Opening Ceremony – Eastern Band of Cherokee Indians – Drum Group [10] Pledge of Allegiance Welcome to Cherokee [5] Joey Owle (Sec. of Agriculture & Natural Resources, Eastern Band of Cherokee Indians EBCI) Welcome to the 14th Annual Fall Floodplain Institute [15] Amit Sachan, PE, CFM, NCAFP Chair (Atkins) NCEM Risk Management / NC Floodplain Mapping Update [30] Chris Koltyk – (NC Emergency Management) ASFPM/FEMA Update [30] Bill Tingle, CFM
3:15 – 3:45 PM	BREAK Sponsored by Freese and Nichols – Soft Drinks, juices, fudge brownies (Pre-Function Area)
3:35 - 5:15 PM	PLENARY SESSION 2 (Oak Ballroom) Moderator: Kenneth Ashe, PE, CFM (Wood) Integrating Natural and Nature-based Infrastructure into Hazard Mitigation Plans: Creating Resilient and Sustainable Communities [45] William ‘Drew’ Parker, GISP, CFM (EPA) Risk Rating 2.0 and the Disaster Reform Act of 2018 [45] Dan Brubaker, PE, CFM (North Carolina Emergency Management)
5:15 - 5:45 PM	Registration (Pre-Function Area)
5:30 - 7:00 PM	Exhibitor’s Social - Hors D’oeuvres & refreshments (Pre-Function Area)
	Dinner on Your Own
9:00 - 11:00 PM	Hospitality Suite Open (Soco Tower Room 220)

Thursday, October, 17

7:00 – 9:00 AM	Registration (Pre-Function Area)		
7:00 – 8:30 AM	Morning Meet & Greet <i>Yogurts, granola, energy bars, coffee (Pre-Function Area)</i>		
<p>8:30 – 10:00 AM</p> <p>Note: Duration of individual presentations is in brackets [].</p>	<p>PLENARY SESSION (Oak Ballroom) <i>Moderator: Amit Sachan, PE, CFM NCAFPM Chair, (Atkins)</i></p> <p>FEMA Region IV Update [30] <i>Jason Hunter, CFM (FEMA Region IV)</i></p> <p>NCEM - Flood Risk Assessments Update [30] <i>Randy Mundt, AICP, CFM (NCEM)</i></p> <p>NC Substantial Damage Estimations [30] <i>Eryn Futral, AICP, CFM, CZO (NCEM)</i></p>		
10:00 – 10:30 AM	BREAK –Sponsored by TELICS – <i>Coffee, juices, pastries (Pre-Function Area)</i>		
10:30 - 12:00 PM	<p>Technical Track (Oak Room) <i>Moderator: Nancy Watford (City of Asheville)</i></p> <p>Hurricane Florence – NCEM’s Disaster Data Preparedness & Risk Response Efforts [30] <i>Colleen Kiley GISP, CFM (NCEM)</i> <i>Richard Fogleman, GISP, CFM (AECOM)</i> <i>David Key, PE, CFM (ESP Associates)</i></p> <p>Rhodes Pond Dam Breach Analysis and Inundation Mapping [30] <i>Dori Sabeh, PE, GISP (McGill)</i></p> <p>FIMAN-T: A New Tool for NCDOT’s Management and Response to Flood Impacts [30] <i>Matt Dudley, PE, CFM (ESP Associates)</i></p>	<p>General Track (Hickory Room) <i>Moderator: Melonee Brock, CFM (Mecklenburg County)</i></p> <p>Flood Damage Control Using Stream Restoration [30] <i>Bryan Dick, PE (Freese and Nichols)</i> <i>Lydia Ward (Freese and Nichols)</i></p> <p>Floodplain Design, Construction, & Impacts on Flood Insurance [30] <i>Zach Faulkner (Floodproofing.com / SmartVent)</i></p> <p>Substantial Damage – Long Term Support [30] <i>Valerie Anderson, CFM (FEMA Region IV)</i></p>	
12:00 – 1:15 PM	Group Photo Followed by Lunch Buffet (included) “Butcher Shop Deli” (Maple Room)		
1:30 – 3:00 PM	<p>Technical Track (Oak Room) <i>Moderator: Jeremy Hardison, CFM (Carolina Beach)</i></p> <p>Parting the Fayetteville Floodwaters: How Data can map the way to Resilience [30] <i>Lydia Ward (Freese and Nichols)</i> <i>Jason Currie, PE, CFM (Freese and Nichols)</i></p> <p>From How? To How Useful? - Verifying and Valuing Hydrologic Forecasts [30] <i>Katie van Werkhoven, PhD. (RTI)</i></p> <p>Base Level Engineering: A Powerful Planning Tool [30] <i>Mat Hornack, PE, CFM (ESP Associates)</i></p>	<p>General Track (Hickory Room) <i>Moderator: Stephen Smith, CFM, Planning Director (Ayden)</i></p> <p>CFS Update [30] <i>John Gerber (Retired NFIP Coordinator)</i></p> <p>In the Eye of the Storm: Leveraging GIS for Safety Mobility and Connectivity [30] <i>Kenneth Ashe, PE, CFM (Wood)</i></p> <p>West Lumberton Floodgate Project Update [30] <i>Dean Goodison, PE, CFM (Atkins)</i> <i>Amit Sachan, PE, CFM (Atkins)</i></p>	<p>Training Track (Ash Room)</p> <p>NFIP 101- CFM Review Session [3 hours]</p> <p><i>Facilitators:</i> <i>Randy Mundt, AICP, CFM (NCEM)</i></p> <p><i>Terry Foxx, CFM, (NCEM), Dan Brubaker, PE, CFM (NCEM)</i></p>

3:00 – 3:30 PM	BREAK – iced tea, lemonade, ice cream bars (Pre-Function Area)		
3:30 – 5:00 PM	<p>Technical Track (Oak Room) Moderator: Amit Sachan (Atkins)</p> <p>GIS For Everyone! [30] Colleen Kiley, GISP, CFM (NCEM)</p> <p>Case Studies in Urban Stream and Floodplain Restoration Projects in NC [30] Will Wilhelm, PE, CFM (Kimley Horn)</p> <p>SRH-2D vs. HEC-RAS: A Case Study [30] Mat Hornack, PE, CFM (ESP Associates)</p>	<p>Workshop (Hickory Room & Soco Creek) Moderator: David Key (ESP Associates)</p> <p>Innovations in Low Cost Stream Sensors [90] Josh McSwain Ryan Spidel Matthew Storosh James Scanlon (Mecklenburg County)</p>	<p>Training Track (Ash Room)</p> <p>(cont.)</p>
6:00 – 8:00 PM	Conference Social - Dinner- Included (6:30-7:30) “Tuckaseegee Buffet” (Harrah’s Event Center)		
8:00 – 11:00 PM	Hospitality Suite Open (Soco Tower Room 220)		
Friday, October 19			
7:30 – 8:30 AM	Registration (Pre-function Area)		
7:30 - 8:30 AM	Morning Meet and Great Cofee, bagels, cream cheese, preserves (Pre-Function Area)		
8:30 – 10:00 AM	<p>Technical Track (Oak Room) Moderator: Zach Faulkner (Smartvent)</p> <p>Web Tools [30] Stacey Fuller, CFM (NCEM)</p> <p>Mitigation Zone - Innovation in Progress: New Initiatives to Update, Enhance, and Share Mitigation Strategies in Mecklenburg Co [30] James Scanlon, GISP, CFM (Mecklenburg County) Neal Banerjee, PE, CFM (ESP Associates)</p> <p>Modeling with Buildings Incorporated into the Digital Terrain [30] Tyler Longberry, PE, CFM (AECOM)</p>	<p>CFM Exam (Ash Room)</p> <p>8:30 – 11:30 AM [3 hr.] Proctor: Randy Mundt, AICP, CFM (NCEM)</p>	
10:00 – 10:30 AM	BREAK – Iced Tea, Juices, Hot Pretzels (Pre-Function Area)		
10:30 AM – 12:00 PM	<p>Technical Track (Oak Room) Moderator: Terry Kuneff, PE, CFM (City of High Point)</p> <p>Proactive Data Collection for Flood Warning [30] Daniel Penczak (OTT HydroMet)</p> <p>HMA Funding Projects [30] Michael Dodson, CFM (Summit Design)</p> <p>No Rise Refresher [30] Dan Brubaker, PE, CFM (NCEM)</p>		

2019 Fall Floodplain Institute Presenters

Valerie Anderson, CFM (FEMA Region IV)
Kenneth Ashe, PE, CFM (Wood)
Neal Banerjee, PE, CFM (ESP Associates)
Dan Brubaker, PE, CFM (NCEM)
Jason Currie, PE, CFM (Freese and Nichols)
Bryan Dick, PE, (Freese and Nichols)
Michael Dodson, CFM (Summit Design)
Matt Dudley, PE, CFM (ESP Associates)
Zach Faulkner (Smartvent)
Richard Fogleman, GISP, CFM (AECOM)
Stacey Fuller, CFM (NCEM)
Eryn Futral, AICP, CFM, CZO (NCEM)
John Gerber, PE, CFM (TBD)
Dean Goodison, PE, CFM (Atkins)
Mat Hornack, PE, CFM (ESP Associates)
Jason Hunter, CFM (FEMA Region IV)

David Key, PE, CFM (ESP Associates)
Colleen Kiley, GISP, CFM (NCEM)
Tyler Longberry, PE, CFM (AECOM)
Josh McSwain, (Mecklenburg County)
Randy Mundt, AICP, CFM (NCEM)
William 'Drew' Parker, GISP, CFM (EPA)
Daniel Penczak, (OTT HydroMet)
Dori Sabeh, PE, GISP (McGill)
Amit Sachan, PE, CFM (Atkins)
James Scanlon, GISP, CFM (Mecklenburg County)
Matthew Storosh, (Mecklenburg County)
Ryan Spidel, (Mecklenburg County)
Lydia Ward (Freese and Nichols)
Katie van Werkhoven, PhD. (RTI)
Will Wilhelm, PE, CFM (Kimley Horn)

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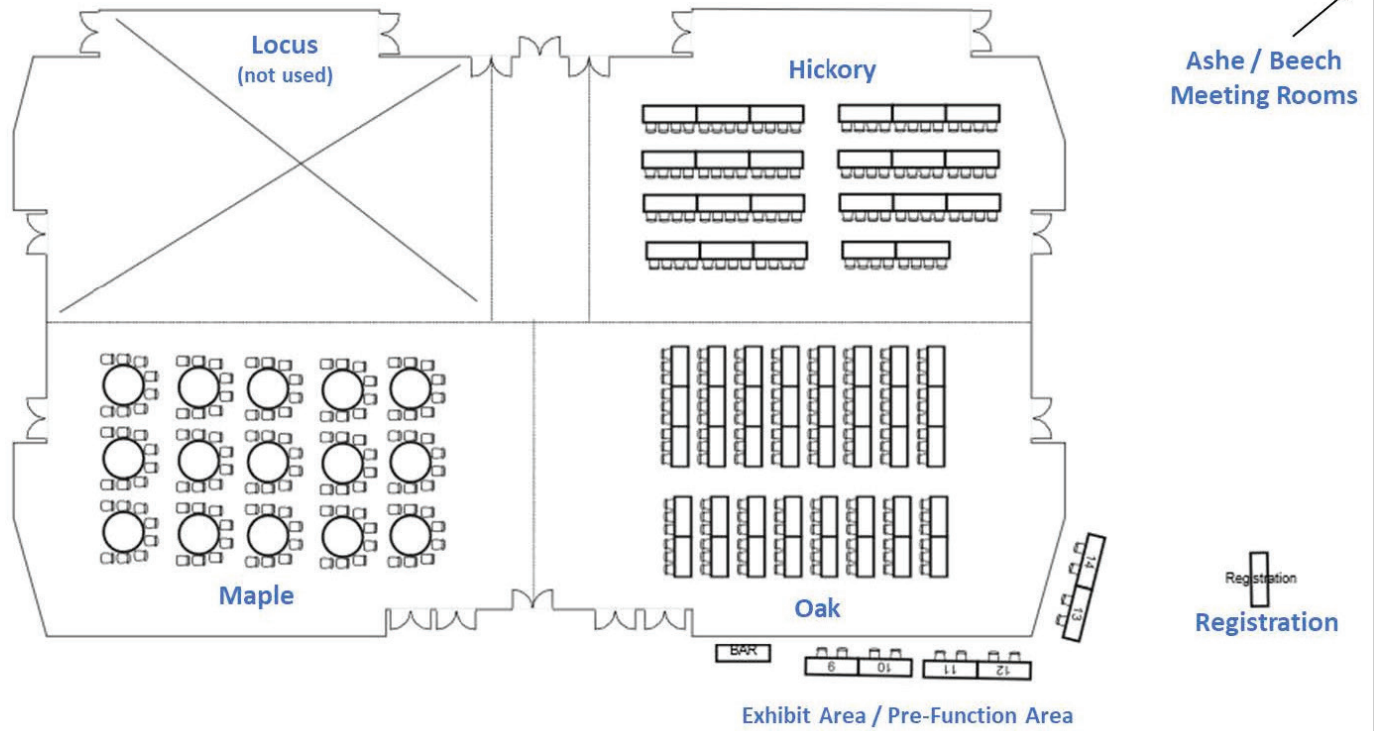


BREAK SPONSORS



Conference Floorplan

Council Fire Ballroom



Location Map

CONFERENCE CENTER

