**NJAFM 2022 CONCURRENT TECHNICAL SESSIONS**

***FINAL DRAFT 9.13.22***

**CONCURRENT SESSION 1: 10/26 @ 11 AM**

**TRACK 1: Education and Outreach**

1. Data-driven Resident Flood Communication & Outreach. Liz Russell, Forerunner.
2. Communicating Flood Risk. Devon J Blair, NJDEP.
3. Effective Community Engagement Strategies for Flood Mitigation Projects. Courtney Wild-Wittkop, NJDEP.

Moderator: Greg Westfall, NJAFM

 **TRACK 2: Codes and Standards I**

1. What Every New Jersey Floodplain Administrator Should Know About the Federal Funds Risk Management Standard. Rebecca Jones, NJDEP.
2. Introducing New Jersey’s Floodplain Administrator Guidebook. Kenya Lovill, NJDEP.
3. Borough of Point Pleasant Beach Floodplain Permit Class. Michael Thulen Jr., Borough of Point Pleasant Beach.

Moderator: Jim Galantino, Margate City

**TRACK 3: Mitigation Funding I**

1. Financing Natural Hazard Mitigation - The coming resilience revolving loan program. Roderick D Scott, Flood Mitigation Industry Association.
2. A Bigger Pot of Gold at the End of the SRF Rainbow. Eleni Giannikopoulos, Suburban Consulting Engineers, Inc.
3. Swift Current and Earmarks - Getting Mitigation Money Out Faster. Thomas Mendez Jr, FEMA.

Chris Testa, NJ OEM

**TRACK 4: Hurricane Sandy**

1. Hurricane/Superstorm Sandy - 10th Anniversary Presentation The Facts, The Fury, The Fiction, and The Future. Gary Szatkowski, OurWeather.us, LLC.
2. Living Shorelines in the Decade Since Sandy: Lessons Learned and Implications for Future Design. Jon Miller, Stevens Institute of Technology.

Moderator: Tom Slowinski, NJDEP

**TRACK 5: Planning**

1. Climate Change Planning for Floodplain Managers. Tanya Rohrbach, New Jersey Future, Ann Heasly, Sustainable Jersey and Meghan Leavey, NJDEP. (**full session**)

Moderator: Chris Crane, Dynamic Engineering Consultants

**TRACK 6: Flood Modelling I**

1. HEC-RAS Vs. ADCIRC for Coastal Bridges. Ahintha H Kandamby, WSP.
2. 2D Hydraulic Analysis using HEC-RAS 2D Rain-on-Grid for Climate Change Assessment. Jeepsi Patel, Jacobs Engineering.

Andrew Banff, Langan Engineering & Environmental Services

**TRAINING SESSION I: Flood Modelling**

1. HEC-RAS Training. Dr. Michael Horst, The College of New Jersey.

**CONCURRENT SESSION 2: 10/26 @ 2 PM**

**TRACK 1: Floodproofing**

1. Wet Floodproofing Lessons Learned from Hurricane Ida. Mike Graham, Floodproofing.com.
2. Passive Floodproofing Solutions Using Floodproof Windows and Wall Systems. Brian Johnson, FENEX.
3. Reducing Flood Risk to Multi-Family Structures - How Ocean City Funded and Implemented the Elevation of 7 Residential Structures. Heather Apgar, Tetra Tech, Inc.

Moderator: Sean O’Leary,

 **TRACK 2: Codes and Standards II**

1. City of Hoboken's Resilient Building Design Guidelines Addendum. Brittany Dremluk, Michael Baker International.
2. Floodproofing Best Practices - Floodplain Ordinance Enhancements. Owen Gechter, Floodproofing.com.

Moderator: Ann Holtzman, City of Hoboken

**TRACK 3: Flood Hazard Mitigation I**

1. Mitigating Flood Risk: Grant Opportunities, Planning and Implementation. Christopher Testa, NJOEM. **(full session**)

Joe Ruggeri, NJDEP

**TRACK 4: Resilience**

1. The NJ Coastal Resilience Collaborative: Building Partnerships and Networks to Advance Coastal Community Resilience. Laura Kerr, Stevens Institute of Technology.
2. Resilient NJ - A Regional Community-Led Approach to Resilience Planning and Action. Meghan Leavey, NJDEP.
3. Building Virginia’s Coastal Resilience Master Plan. Stu Geiger, Dewberry.

Moderator: Elissa Commins, Brick Township

**TRACK 5: Stormwater Management**

1. Drainage Improvement in a Tidal Flood Area (Case Study: Carteret Borough, New Jersey). Mostafa Razzaghmanesh, Remington & Vernick Engineers.
2. Monitoring, Assessment and Remediation of a Series of Under-Performing Infiltration Basins. Clay Emerson, Princeton Hydro.
3. Adapting Stormwater Infrastructure to Address Evolving Conditions in Coastal Communities. Ryan McGowan, Remington & Vernick Engineers.

Moderator: Chris Theodos, Brick MUA

**TRACK 6: Flood Modelling II**

1. Rapidly Modeling and Predicting Future Flood Risk. Curtis Smith, Stantec.
2. An Integrated Predictive Flood Modeling System to Support Operational and Emergency Management Applications. Chad Ballard, AEM.
3. Storm-induced Flow and Scour Analysis for Coastal Bridges. Chamil Perera, WSP USA, Inc.

Moderator: Cleighton Smith, Taylor Wiseman & Taylor

**TRAINING SESSION II: Flood Modelling**

1. HEC-RMS Training. Dr. Michael Horst, The College of New Jersey.

**CONCURRENT SESSION 3: 10/27 @ 11 AM**

**TRACK 1: Mitigation Funding II**

1. The STORM Act - Financing the Flood Mitigation Projects. Roderick D Scott, Flood Mitigation Industry Association.
2. Free Money Comes with Strings - Managing Federal Construction and Professional Services Grant Funds. Peter Senus and Sean Kahn, Michael Baker International, Rebecca Jones, NJDEP.
3. Like a Bridge Over Troubled Stormwater: Stormwater Considerations and Financing Options in Development and Redevelopment. Eleni Giannikopoulos, Suburban Consulting Engineers, Inc.

Moderator: Tom Little, Floodproofing.com

**TRACK 2: Flood Hazard Mitigation II**

1. Mitigation Case Studies on Complicated Buildings. Sean O'Leary, Floodproofing.com.
2. The Happily Ever After: Long Term Control Plan Implementation and Flood Mitigation Done Right! Erin Abline, Suburban Consulting Engineers, Inc.
3. Autonomous Flow Control – Protecting Our Downstream Neighbors. Gabe Lederman, Wapro, Inc.

Moderator: Wassim Nader, President, The Nader Group

**TRACK 3: Mitigation Planning**

1. Rebuild by Design Meadowlands Project: Building Hydraulic Capacity in a Highly Developed and Topographically Unique Region. Christopher Benosky, AECOM.
2. Your Next Hazard Mitigation Plan - Be in The Know on the New Guidance. Jack Heide, FEMA Region II.
3. Green Brook Flood Risk Management Project Segments C2&H - Contract 2. Thomas Decker and Nick Kenah, Jacobs Engineering Group, Inc.

Moderator: Brian Kempf, NYC Emergency Management

**TRACK 4: NFIP - Flood Insurance & CRS:**

1. Risk Rating 2.0 and Flood Insurance. Tyler Ardron, Risk Reduction Plus Group
2. Self Service CRS Mapping Assistance - Saving Staff Time with GIS. Ashlynn Shanahan, Monmouth County Division of Planning.
3. Keeping up with the Classes - CRS Activities to Implement Now. Gina Agosta, Insurance Services Office and Danielle DeHart, Verisk Analytics.

Moderator: Joe Barris, Monmouth County

**TRACK 5: Green Infrastructure Case Studies:**

1. Managing pluvial events: Green Infrastructure Approach and Lessons Learned in NYC, Philadelphia and Hoboken, NJ. Jennifer Gonzalez, City of Hoboken, Roopesh Joshi, New York City DEP. **(full session)**

Moderator: Ozlen Ozkurt, WSP

**TRACK 6: Flood Data and Tools**

1. Making Dollars and Cents of Growing Risk: Showcasing a New Digital Tool to Understand Flood Risk, Obtain Funding, and Build Resilience. Heather Sprague, Arcadis.
2. Proactive Management of Flooding with Innovative Technology for Every Budget. Daniel J. Penczak, OTT HYDROMET.
3. Historical Storm Reconstructions and Site-Specific, Representative Storm Events. Siavash Hoomehr, HDR.

Moderator: Ayah Sukkar, NJDEP