

NORFMA CONFERENCE - 2019 PROGRAM

** DRAFT 7 Aug 2019 ** SUBJECT TO CHANGE **

Tuesday, September 24, 2019

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| 9:00am - 4:00pm | <p>Training Course: NFIP Floodplain Management 101 Instructor: Becca Fricke-Croft Room:</p> |
| 9:00am - 4:00pm | <p>Training Course: FEMA HMA Grants Workshop Instructor: Steven Randolph, FEMA Room:</p> |
| 1:00pm - 5:00pm | <p>Workshop - Improving Flood Science for Idaho Presenters: Mike Schubert, Karl Gebhardt, Steve Sweet, Steve Holt, Angie Michaels, Jason Korn, Ron Manning Room:</p> |
| 7:00pm - 10:00pm | <p>Welcome Social / Informal Get-together Location: Conference Center Lobby - Appetizers and 2 drink tickets will be provided</p> |

Wednesday, September 25, 2019

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| 7:00am - 5:00pm | Registration Desk Open (Foyer/Lobby) |
| 7:00am - 8:30am | <p>Buffet Breakfast in Welcome and Introduction Room: Deanna Horton, NORFMA Conference Chair (City of Spokane Valley) Welcome Message from City of Boise Council member Elaine Clegg</p> |
| 8:30am - 8:45am | |
| 8:45am - 10:45am | <p>Plenary Session Room: Moderator: Michelle Gilbert, NORFMA Chair (Atkins) FEMA State of the Region: John Graves, Floodplain Management & Insurance Branch Chief, FEMA Region X Flood Insurance Advocate Annual Report - David Stearrett, Director</p> |
| 10:45am - 11:00am | Coffee Break |
| 11:00am - 11:45am | Risk Rating 2.0 - Tony Hake, FEMA Headquarters |

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| | Coffee Break |
| 12:00 pm - 1:30pm | <p>Luncheon: Food will be served buffet in Keynote Speaker: KATHERINE ROWDEN, National Weather Service</p> |

| | Concurrent Session A | Concurrent Session B | Concurrent Session C (Workshop) | Concurrent Session D (Workshop) |
|-----------------|--|--|--|---|
| 1:30pm - 3:00pm | <p>POST-WILDFIRE I Room: ROBIN KISKA, Idaho Office of Emergency Management Avalanche Post Fire</p> | <p>Integrated Floodplain Management I Room: MIKE DIMMICK, Boise River Flood District #10 Flood Risk Management in a Growing Population</p> | <p>RISK COMMUNICATION Room: BRITTANY BRAND, Boise State University People Learn by Doing: How to Use Active Learning to Communicate About Natural Hazard Risks</p> | <p>CRS Room: MARLENE JACOBS, Insurance Services Office CRS Benefits for Small Communities</p> |
| | <p>ROSE SHRINER, Pertee, Inc. Communicating Post-wildfire Risks: lessons learned</p> | <p>TERRY KEENHAN and TROY HAVENS, Yakima County Floodplain Integration across Yakima Basin</p> | | |
| | <p>BRENT BOWER, National Weather Service Seattle Assessing the Flood Threat After a Wildfire</p> | <p>LOGAN McCLISH, The Watershed Company Floods, Food, and Refugees – Diverse Solutions for Complex Urban Problems</p> | | |
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3:00pm - 3:30pm Break Time - Please visit our Sponsors in ###. Snacks, Coffee, and Water provided

| | Concurrent Session E | Concurrent Session F | Concurrent Session G (Workshop) | Concurrent Session H (Workshop) |
|-----------------|--|--|--|--|
| 3:30pm - 5:00pm | <p>BOISE RIVER H&H FEATURE Room: KARL GEBHARDT, Resource Systems, Inc. Hydrology and Hydraulic Modeling of the Lower Eagle Island Floodplain, Boise River, Idaho</p> | <p>POLICY AND REGULATIONS I Room: KEVIN COULTON, ESA Make America's Swamps Great Again</p> | <p>Integrated Floodplain Management II Room: ANGELA ANGOVE, Pierce County Public Works, LISA BONA, GeoEngineers, and ERIC ROWLAND, Northwest Hydraulic Consultants Pierce County's Habitat and Flood Capacity Creation Project - How to get to "no" in ten short years</p> | <p>NFIP AND NFIP COMPLIANCE Room: CLAY GOODRICH, Smart Vent Products, Inc. Floodplain Design, Construction, and Impacts on Flood Insurance</p> |
| | <p>TROY LINDQUIST, NOAA Advanced Hydrologic Prediction Services for Flood Forecasting on the Boise River</p> | <p>DAVID RADABAUGH, Washington State Department of Ecology The State of Washington Model Floodplain Management Ordinance Update</p> | | |
| | <p>KEELAN JENSEN, HENRY HU, and DAN EGGERS, WEST Consultants, Inc. Two-Dimensional Analysis of the US-95 Bridge over the Boise River</p> | <p>TIM LUKE, Idaho Department of Water Resources NFIP Irrigation Guidance in Idaho</p> | | <p>DARRYL HATHAWAY, AECOM Technical Feasibility of Erosion and Shoreline Change Mapping for NFIP in the Pacific Northwest</p> |
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WEDNESDAY NIGHT NETWORKING EVENT: Bring your nametag to confirm you are registered for this.

Location: ###

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Thursday, September 26, 2019

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| 7:00am - 4:00pm | Registration Desk Open (Conference Registration Table) | | | |
| 7:00am - 8:30am | Buffet Breakfast in ### | | | |
| 7:45-8:15 | Earlybird Session - State Update Breakouts | | | |
| | OREGON EARLY BIRD - CELINDA ADAIR | WASHINGTON EARLY BIRD - DAVID RADABAUGH | IDAHO EARLY BIRD - MAUREEN O'SHEA | ALASKA EARLY BIRD - JIMMY SMITH |
| 8:30am - 10:00am | Concurrent Session I (Workshop) POST-WILDFIRE II <i>Room:</i> KATIE GIBBLE, Utah Department of Natural Resources, and JERRY McADAMS, Boise Fire Department Where Models Meet Managers: Planning for Post-fire Erosion in Boise before the Flames | Concurrent Session J POLICY AND REGULATIONS II <i>Room:</i> SUSANNA PHO, Forerunner Creating Effective Public Outreach Materials | Concurrent Session K IDAHO FEATURE I <i>Room:</i> BRANDON HOBBS, USACE, Walla Walla Garden City, Idaho: From Risk MAP to Risk Mitigation | Concurrent Session L FLOODPLAIN PROJECTS I <i>Room:</i> LISA HUNTINGTON, City of Portland Bigger Isn't Always Better: Portland right-sizes its risk reduction strategies for the Johnson Creek floodplain |
| | DEVIN STOKER, Jacobs Hydrologic Analysis for Leader Lake Watershed Relative to Fire Damage and Spillway Capacity | KATE SKAGGS, Resilience Action Partners, ANDREW KINNEY, Thurston County, and BRYNNE WALKER, Pierce County Applying the Power of Story to Communicate Experiences and Risks of Natural Hazards | | CURTIS LOEB, Wolf Water Resources, Inc. Restoring to Stage 0 – Navigating the anastomosis of floodplain management and permitting challenges |
| | CERA WINDHAM, Boise State University Using Active-learning and Goal-setting Strategies to Promote Wildfire Awareness and Preparedness | CHRISTINA WOLLMAN, Pertee, Inc. How to Use the CRS Manual to Develop a Floodplain Management Program | | DALE MECK, Yakima County A Hip-hop Inspired Approach to Resolving the No-rise Analysis Quandary of a Levee Setback Project |
| 10:00am - 10:30am | Break Time - Please visit our Sponsors in ###. Snacks, Coffee, and Water provided | | | |
| 10:30am - 12:00pm | Concurrent Session M HAZARD MITIGATION & RESILIENCE PLANNING <i>Room:</i> BOB FREITAG, University of Washington Does Community Resilience Help Advance Floodplain Management? | Concurrent Session N ENGINEERING AND MAPPING I <i>Room:</i> YACOUB RAHEEM, AECOM Quantifying Flood Risk Using 2D Probabilistic Modeling and Mapping | Concurrent Session O IDAHO FEATURE II <i>Room:</i> DEREK FORSETH, Alta Science and Engineering Update of Flood Management Strategies for the Bunker Hill Superfund Site in Idaho's Silver Valley | Concurrent Session P FLOODPLAIN PROJECTS II <i>Room:</i> ROWYN COOPER-CAROSELLI, Wolf Water Resources, Inc. Large Scale Floodplain Restoration: Flood safety and habitat resiliency on a 1,000 acre floodplain of the Lower Columbia River |
| | TERRY KEENHAN and JOEL FREUDENTHAL, Yakima County Yakima Floodplain Design Lessons | STEVE HOLT, T-O Engineers Two-Dimensional Hydraulic Modeling and Case Study, Weiser River at Cove Road Bridge | DOUG HIGBEE, Idaho USDA NRCS USDA NRCS Flood Rehabilitation – Boise River | TYLER JANTZEN, Jacobs Floodproofing Critical Infrastructure: the Tacoma Central Treatment Plant Flood Protection Project |
| | DAVID RADABAUGH, Washington State Department of Ecology The 2019 Washington Floodplain Manager Survey | HENRY HU, WEST Consultants, Inc. RiskRAS, an HEC-RAS Simulation Tool for Risk Informed Flood Inundation Mapping | TRAVIS WYATT, NWS - Pocatello Snow to Flow on the Big Wood and Big Lost Rivers During 2017-2019 | KATHY LOMBARDI and GIANNA DAMIANO, Maul Foster & Alongi When Human Health and Floodplains Intersect - remedy protection in the Bunker Hill Mining and Metallurgical Complex Superfund Site |
| 12:00pm - 1:30pm | Luncheon: Food will be served buffet in ### NORFMA Organization General Membership Meeting (Year In Review) - Michelle Gilbert | | | |
| 1:30pm - 3:30pm | Concurrent Session Q (Workshop) POST-WILDFIRE III <i>Room:</i> TRAVIS BALL, USACE Seattle Two Years of Tools and Takeaways from the Washington Post-Wildfire Flood Committee | Concurrent Session R ENGINEERING AND MAPPING II <i>Room:</i> RON MANNING, SPF Water Engineering, LLC All Models are Wrong but Some are Useful... Hydraulic modeling of the Lower Boise River | Concurrent Session S (Workshop) STORMWATER MANAGEMENT <i>Room:</i> CHRIS HILL, Meshek & Associates LLC GIS Showcase: Tools for Stormwater Management | Concurrent Session T EMERGING TOOLS <i>Room:</i> DAVID EVETTS, USGS A View of the USGS Streamgaging Network in Idaho, Past, Present, and Future: a vital data resource for an ever-changing environment |
| | | RAY WALTON, WEST Consultants, Inc. The HEC-RAS Way or the Wrong Way? | | RAE WADE and REHAL KHAREL, Atkins LAMP Discovery for FEMA Region X Levees |
| | | ALAN WALD Mapping Channel Migration Zones with Highways, Railroads, and Levees on the Skagit River, WA | | JEREMY MULL, AECOM Engineering Design for Coastal Flood Protection in the Pacific Northwest |
| | | Mark Ewbank - Herrera Large scale sediment transport - a discussion of the Nooksack River sediment wave. | | Wendy Shaw and Cynthia McCoy, FEMA Region X Risk Analysis Branch FEMA Region X Risk MAP Meets You Where You Are. |
| 3:30pm - 4:00pm | Break Time - Please visit our Sponsors in ###. Snacks, Coffee, and Water provided | | | |
| 4:00pm - 5:00pm | Closing Plenary Session (General Discussion) - ### | | | |
| 5:00pm | Dinner On Your Own | | | |

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Friday, September 27, 2019

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| 7:00am - 8:00am | <i>Breakfast On Your Own</i> |
| 8:30am - 12:00pm | <p>CFM Exam (<i>Exam begins promptly at 9:00am; Sign-In begins at 8:30am</i>) Proctored by Deanna Horton, CFM</p> <p style="text-align: center;"><i>Location: ###</i></p> |
| 9:00am - 11:00am | <p>Workshop - Elevation Certificate Presented by Maureen O'Shea, Idaho NFIP Coordinator, IDWR</p> <p style="text-align: center;"><i>Location: ###</i></p> |
| 8:00am - 12:00pm | <p>Field Tour: Meet at WHAT ROOM for Introductory Presentation</p> <p>TOUR Roadmap:</p> <ol style="list-style-type: none"> 1. Discussion/presentation (could be a track discussion via abstract, or do morning of) (~20 mins if morning of) • Cottonwood Creek flood facility and recent improvement project • Whitewater Park and flood development efforts 2. Gather at Grove about 8:15-8:45 depending on #1 above. (~15 mins) 3. Individual carpools to Cottonwood Creek site (~10 mins) 4. Tour Cottonwood Creek facility, start about 9AM (~30 mins) 5. Individual carpools to Whitewater Park (~15 mins) 6. Tour Whitewater park facility, start about 10AM (~45-60 mins) 7. End |
| 12:00pm | NORFMA Conference Officially Ends |