**Symposium: Building Flood Resiliency in West Virginia Communities** 

March 12-13, 2024

Holiday Inn & Suites, 400 2d Ave SW, Charleston WV 25303

Detailed Agenda

Tuesday, March 12, 2024

| **Day Time Session Location Presenter(s)** |
| --- |
| **Tuesday** 8:00 – 9:00 Registration Opens |
| **Tuesday** 9:00 – 9:15 Welcome and Introductions Centennial **Jamie Shinn**, Assistant Professor at SUNY College of Environmental Science and Forestry (SUNY-ESF) and West Virginia Flood Resiliency Framework Project Team |
| **Tuesday** 9:15 – 9:30 Overview of NSF Study & Centennial **Jamie Shinn**, SUNY-ESF and Symposium Goals WVFRF Project Team |
| **Tuesday** 9:30 – 10:00 State Flood Resiliency Plan Centennial **Robert Martin**, Director of the West Virginia State Resiliency Office (SRO) **Edwin Martin**, Deputy Director of the West Virginia State Resiliency Office (SRO) |
| **Tuesday** 10:00 – 10:15 **Coffee & Tea Break** |
| **Tuesday** 10:15 – 12:00 How to Plan for Everything Centennial **Aaron Titus**, Executive Activity Director of Crisis CleanupThere are an endless number of disasters to worry about. Preparing for every possible disaster leaves you with a long, disorganized list of things to buy or do, which may not match personal needs. Preparation can seem unattainable. We check off the first few items  |

| from our list, give up, and hope the zombies eat us first. It's time to start preparing with two simple changes: First, Prepare for disruptions, not disasters. It doesn't matter whether a power outage was caused by a flood, backhoe, or someone backing into a pole. Just prepare for the power outage! **Preparing for a few** **disruptions will prepare you** **for any disaster.** You really can prepare for everything. Second, prepare together. We prepare better when we prepare together. How to Prepare for Everything gives you a simple, step-by-step approach to prepare yourself and your neighbors for emergencies, accidents, adventures, and life's ups and downs. |
| --- |
| **Tuesday** 12:00 – 1:00 **Lunch (provided)** Reception Hall |
| **Tuesday** 1:00 – 2:00 Panel: Planning for the Centennial **Julian Levine** (moderator), Disaster Response Cycle Director of Population Health & Community Panelists: Engagement at West Virginia School of **Debbie Sizemore**, President Osteopathic Medicine, of Williamsburg Area Center for Rural and Emergency Response Team Community Health (WART) (WVSOM CRCH) and **Paula Brown**, Deputy WVFRF Project TeamDirector of Greenbrier County Homeland Security and Emergency Management **Dave Lumsden,** Disaster Response Coordinator for Episcopal Diocese of West Virginia  |

| **Cathy Rennard,** Former Disaster Case Management Supervisor for West Virginia Voluntary Organizations Active in Disaster (WV VOAD) **James Young**, Disaster Field Coordinator for the Federal Emergency Management Agency, **Tim Keaton**, NFIP/CTP Coordinator at West Virginia Emergency Management Division **Tammy Tincher**, President County Commissioner for Greenbrier County |
| --- |
| **Day Time Concurrent Sessions (3) Location Presenter(s)** |
| **Tuesday** 2:00 – 3:00 National Flood Insurance Montgomery **Tim Keaton**, National Flood Program (NFIP) Insurance Program (NFIP)/Cooperating Technical Partner (CTP) Coordinator at West Virginia Emergency Management Division (WVEMD) |
| **Tuesday** 2:00 – 3:00 Tools for comprehensive Capitol **Katherine Garvey**, Director flood planning of Land Use Law Clinic at West Virginia University This session will briefly (WVU) introduce legal and planning tools effective at **Jared Anderson**, Land Use reducing impacts from Attorney, Land Use Law flooding. Tools include Clinic at West Virginia floodplain overlays, University (WVU)setbacks, floodplain ordinances, and non regulatory tools such as deed restrictions. After introducing a variety of tools, hypotheticals will be discussed covering common questions. In addition, the panel will discuss HB 171  |

| impacting the regulation of agriculture with flood regulation as an example. |
| --- |
| **Tuesday** 2:00 – 3:00 Williamsburg Area Response Centennial **Debbie Sizemore**, President Team (WART) of Williamsburg Area Emergency Response Nominated for two awards in Team (WART)the area of disaster response, the Williamsburg Area Emergency Response Team model is a program designed to help rural communities establish a local emergency crisis team. This nuts-and-bolts session aimed specifically at small towns and communities, will help participants think through what is needed before, during, and after a disaster. The session will describe one *very* rural community’s effort to build and sustain capacity in the area of emergency response and will provide practical tips on how participants can build their own teams prior to a catastrophic event.  |
| **Tuesday** 3:00 – 3:15 **Coffee & Tea Break** |
| **Day Time Session Location Presenter(s)** |
| **Tuesday** 3:15 – 4:15 WV Flood Risk Assessment Centennial **Kurt Donaldson** Director of and Visualization Tools the West Virginia GIS Technical Center The West Virginia GIS (WVGISTC) Technical Center will provide background on flood **Aaron Maxwell** Faculty related tools, such as the Director for the WVGISTC, West Virginia Flood Tool, and faculty member in the in-progress data, mapping Department of Geology efforts, and application and Geography at WVU, development as part of the and WVFRF Project Team West Virginia Flood Resiliency **Behrang Bidadian**, Framework. The Center Research Associate and hopes to encourage feedback and discussion on  |

| existing tools and needs for GIS Analyst at the landowners, flood mitigation WVGISTC professionals, and **Annie Mahmoudi**, community leaders to Graduate Research understand risk and resiliency Assistant and PhD student to flooding and plan for funded by the WVGISTCmitigation. They will generally discuss their contributions to the West Virginia Food Resiliency Framework and work moving forward.  |
| --- |
| **Tuesday** 4:15 – 4:45 National Weather Service Centennial **Nicholas Webb**, Senior Flood Inundation Mapping Service Service Hydrologist/Meteorologist National Weather ServiceThe longstanding demand for event-driven flood inundation mapping (FIM) has increased dramatically in recent years as a high value source of actionable information for emergency and water resource managers to prepare, mitigate, and respond to flood impacts. In response, the National Water Center of the National Weather Service has developed and demonstrated high resolution inundation modeling capabilities which complement and expand upon existing static FIM libraries providing geo referenced visualizations of forecast flooding extent at the continental scale. These new inundation mapping capabilities translate analysis and forecasts of streamflow into operational maps that communicate impact by showing where flooding may occur.  |

| **Tuesday** 4:45 – 5:00 Daily Recap, Reflections, Centennial **Jamie Shinn**, SUNY-ESF and Wednesday Agenda WVFRF Project Team Preview **Aaron Titus**, Executive Director of Crisis Cleanup |
| --- |
| **Tuesday** 5:15 – 6:30 **Social Event (appetizers** **provided)** |

Wednesday, March 13, 2024

| **Day Time Session Location Presenter(s)** |
| --- |
| **Wednesday** 9:00 – 9:15 Day 1 Observations Centennial **Jamie Shinn**, SUNY-ESF Summary and WVFRF Project Team **Aaron Titus**, Executive Director of Crisis Cleanup |
| **Wednesday** 9:15 – 10:15 **Cross Sector Disaster** Centennial **Aaron Titus**, Executive Director of Crisis Cleanup**Simulation** The Cross-Sector Disaster Simulation Game simulates cross-sector collaboration and coordination before, during, and after such disasters. Each person is assigned a role, such as government, for-profit company, non-profit organization, or community member. We coordinate on the local, state, and national level prior to the disaster. Once a disaster happens, everyone needs to work together to ship food, water, and medicine within three days. Each "day" is just a few minutes long. The fun (and anxiety) starts when plans, relationships, and competing priorities are challenged in a high-stress, chaotic environment. Afterward, we debrief and analyze the outcomes.  |

| **Wednesday** 10:15 – 10:30 **Coffee & Tea Break** |
| --- |
| **Wednesday** 10:30 – 11:00 Cross Sector Disaster Centennial **Aaron Titus**, Executive Simulation Debrief Director of Crisis Cleanup |
| **Wednesday** 11:00 – 12:00 Panel: Building Long-term Centennial **Julian Levine** Community Resiliency (moderator), WVSOM CRCH and WVFRF Project Panelists: Team**Sarah Riley**, Executive Director of High Rocks **Brian Farkas**, Federal Emergency Management Agency Interagency Recovery Coordinator with WV FEMA Integration Team Office (WVFIT) **Debbie Sizemore**, WART **Jenny Gannaway**, Executive Director of West Virginia Voluntary Organizations Active in Disaster (WV VOAD) **Dave Lumsden**, Episcopal Diocese of WV **Robert Martin**, SRO **Tim Keaton**, NFIP/CTP Coordinator at WVEMD **Ruthana Beezley**, Executive Director of Greenbrier Valley Economic Development Corporation  |
| **Wednesday** 12:00 – 1:00 **Lunch (provided)** Reception Hall |
| **Wednesday** 1:00 – 2:00 Breakout Session 1 - **Jamie Shinn** (moderator), Strengthening the WV SUNY-ESF and WVFRF Flood Resiliency Network Project Team **Julian Levine** (moderator)**,** WVSOM CRCH and WVFRF Project Team |

| **Aaron Maxwell** (moderator), WVGISTC, WVU, and WVFRF Project Team |
| --- |
| **Wednesday** 2:00 – 2:15 **Coffee & Tea Break** |
| **Wednesday** 2:15 – 3:15 Breakout Session 2 - **Jamie Shinn** (moderator), Building WV Community SUNY-ESF and WVFRF Flood Resiliency Project Team **Julian Levine** (moderator)**,** WVSOM CRCH and WVFRF Project Team **Aaron Maxwell** (moderator), WVGISTC, WVU, and WVFRF Project Team |
| **Wednesday** 3:15 – 3:45 Presentation with Q&A: Centennial **Jamie Shinn**, SUNY-ESF Building & Maintaining the and WVFRF Project Team West Virginia Flood **Robert Martin**, SRO Resiliency Framework **Aaron Maxwell**, WVGISTC, WVU, and WVFRF Project Team |
| **Wednesday** 3:45 – 4:00 **Closing Remarks** Centennial **Jamie Shinn**, SUNY-ESF and WVFRF Project Team |

**Thank you for coming! Please take our post-symposium survey by **

**scanning the QR code or visiting https://tinyurl.com/WVFRFsymposium.**