Draft 3/7/2020

**Mountain Creeks to Metro Canals**

**2020 River Management Training Symposium,** Richmond, VA

**DRAFT Program Schedule**

Notes:

* Unless otherwise indicated, all sessions and events will occur on the campus of Virginia Commonwealth University
* There will be an opportunity to sign up for one on one mentoring sessions with experienced river managers during the Symposium
* This schedule is subject to change
* Continuing education credits (or equivalent) will be available from the American Society of Landscape Architects, American Planning Association, and National Recreation and Park Association for selected sessions – details to be provided
* Some classes will also be listed in the USDI Talent system

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| Day/Time | Track 1 | Track 2  | Track 3 | Track 4 |
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| May 9-11, 2020 | Pre-symposium overnight paddling trip for River Studies and Leadership Certificate Students |
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| **Monday, May 11, 2020** |
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| 4:00-7:00 pm | Early Registration – Graduate Hotel Lobby |
| 7:00 pm | Student reception (students only) Graduate Hotel |
| 8:00 pm | Reception open to all |
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| **Tuesday, May 12, 2020** |
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| 8:00 – 9:30 | Opening Plenary – Welcome and Introductions. Program – on restoration of the Anacostia Watershed in Washington, DC, Jim Foster and Dennis Chestnut |
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| 9:30-10:00 | Break |
|  | VRM | Partner & Community | Tech Tools | Urban |
| 10:00-10:30 | **VRM Training Opening Session:** Welcome, introductions, and why we’re here and what we’re going to do. Lynn Crump, Leighton Powell | Robin Fehlau: Boise River: Economic driver and heart of the community | Rob White, Brian McCormick: Granite Boat Chute & Fish Ladder Reconstruction – Arkansas River | Chris DeWitt, Nathan Barrell: Conserving an Urban Wilderness: The James River Park System Master Plan |
| 10:30-11:00 | **Why scenic resources matter:** Basic need, vitality & economic development, VA & other states support of the importance of Scenic resources and documenting and rating them. (overview, drivers & outcomes) John McCarty, Mark Meyer  | Tim Eling: Innovative Restoration in Kentucky’s Red River Watershed | Jack Henderson: National Rivers Project: Mapping and showcasing the United State’s Recreational Rivers | Ralph Hambrick: The James River in Richmond: A Case Study in Transforming an Urban Watershed |
| 11:00-11:30 | **Language of Landscapes:** Describing the Scenic Attributes of the landscape and visual resources vocabulary. Landscape Character & Scenic Quality (Exercise). Alyssia Angus | Claire Catlett, Albert Spells: Bringing the Brook Trout to VA’s Piedmont | Alex McCrickard, Rene Xavier Valdez: How to Reel ‘Em In: The Development and Evaluation of Angler Recruitment, Retention and Reactivation (R3) Program in Virginia | Justin Doyle: Reconnecting Richmonders to the James River |
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| 11:30 – 1:30 | Awards Luncheon and Speaker - Dr. James Thorp, Ph.D. University of Kansas Department of Ecology & Evolutionary Biology, Understanding river macrosystems from applied and basic perspectives |
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| 1:30 – 2:00 | **Language of Landscapes**: Describing the Scenic Attributes of the landscape and visual resources vocabulary. Landscape Character & Scenic Quality. (Exercise – continued) Alyssia Angus | George Lindemann: Economic, Environmental, Social, Political. The Recipe to Save A River | Katie Schmidt, Kevin Colburn: Let it Flow: Restoring Dry River Reaches in the Southeast | Todd Lookingbill, Bob Siegfried, Jennifer Hatchett, Rob Anderejewski, Jill Nolt: The Gambles Mill Eco-Corridor: A collaborative stream restoration project in Richmond |
| 2:00 – 2:30 | Peter Krebs: Connecting Communities | Tish Robertson: James River Chlorophyll Study: A Case Study of Collaboration |
| 2:30 – 3:00 | **Scenic Value Inventory:** Overview of Federal Agency approaches to visual landscape inventory/assessment. panel on the commonalities & complementary & unique aspects of all. Julie McGrew | Lynn Crump: Scenic River Designation process for Virginia: An exercise in community efforts | James Vonesh, Denielle Perry, John M. McLaughlin, Tammi Laniga, Mathieu Brown: Building a framework for the River-based ImmersiVe Education& Research (RIVER) Field Studies Network |
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| 3:00 – 3:30 | Break |
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| 3:30 – 4:00 | **Scenic Value Inventory**: Overview of Federal Agency approaches to visual landscape inventory/assessment. 30-minute panel on the commonalities & complementary & unique aspects of all. Mark Meyer, John McCarty | Dusty Vaughn, Tom O’Keefe, Liz Lacy: WSR101 – An Introduction to the Wild & Scenic Rivers Act | James Vonesh, Denielle Perry, Tammi Laniga, Mathieu Brown: Linking academics and practitioners to train tomorrow’s river professionals | Heather Barrar, Tiffany Carter, Aaron Reid Miller, Janit Lleywllyn: Regional Renewal & Riverfronts |
| 4:00 – 4:30 |
| 4:30 – 5:00 |
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| 5:00 – 7:00 | Poster Session and Opening reception  |
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| Evening | Dinner on your own |  |  |  |
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Poster presentations

1. Kristen Bretz - Carbon emissions and export from forested mountain streams through a summer drought
2. Richie Dang – Identifying drivers of ecosystem production and respiration in riverine rock pools
3. Andy Davidson - Predicting warming’s impacts on mosquito control by larval predators
4. Chris Gensic and Dan Mahon - Wayfinding and Virtual Tours of the Rivanna River
5. Rachel Henderson, Paul Bukaveckas, and Rima Franklin - Microbial Source Tracking of Fecal Contamination in the James River
6. Caelon Johnson. Trevor Mansmith, Chelsea Douglas, Delaney Cordoran, Aurora Grant, Kenjo Pollman, John McLaughlin - Large woody debris protects woody plants from browsing in restoration following Elwha dam removal.
7. Samuel Jordan – Shared goals: a hierarchical collaborative model for river management and research
8. Anne Kim – Warming carries costs and benefits for the life cycle of native rock pool mosquitoes
9. Jacob Korona - Professional Experiences in the Outdoor Recreation Field
10. Kira Lander - A tale of two watersheds: River remediation and restoration in the commonwealth
11. Colter Lemons and Mary Childress -Fungi distribution in the Elwha restoration ecosystem
12. James Major - Identifying Resilient Rivers for Wild & Scenic Designation Using Geospatial Analysis and Statistical Modeling
13. Celinda Moran, Alexandra Trejo - Habitat Selection of the Spotted Sandpiper (Actitus macularius) Along the Elwha River, Washington
14. Doreen Sechak Peters - Microplastic Abundance Highest Near Urban Area
15. Jordan Rasure - Predator avoidance decreases effect of cigarette butt leachate toxicity in urban rock pools
16. Richard Roth and William Tanger - Working Together: How an NGO Worked with River Managers and Other Stakeholders to Remove a Dam and Restore a River.
17. Jack Ryan - Assessing the feasibility of freshwater mussel restoration in urban and non-urban streams of Central Virginia
18. Ryland Stunkle – Flood modeling of riverine rock pools using an unmanned aerial vehicle
19. Joseph Underhill – Diversity and Equity in River Studies: Lessons from the River Semester
20. Jennifer Wampler - Riparian Trails in the James River Watershed
21. Abigail Wright - Seasonal Progression of Algal Development and Quality in Streams that Vary in Timing of Springtime Peak Flow

***Note: additional posters forthcoming***

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| Wednesday | Field Session Day |  |  |  |
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| 9:00 - noon | Rafting trip on downtown James | James River Restoration River Trip | Virginia Capital Trail Bike Ride | Riverfront Walking Tour |
| 9:00 – 4:00 | Bateau trip on the James River | Visual Resources Management Workshop | Universal Access/Water Trail Workshop | GIS/Drone Mapping Course |
| 4-6 hours | Water and Riverine Trail Development in a low income area |  |  |  |
| 1:00 – 4:00 | Rafting trip on downtown James | James River Restoration River Trip |  |  |
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|  | Dinner on your own |  |  |  |
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|  | Movie Night -open to the public |  |  |  |
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| Thursday |  |  |  |  |
|  | VRM | Partner & Community | Tech Tools | Rural |
| 8:00 – 8:30 | The relevance of Scenic Resources to the management of river and upland recreation settings & ecological sites – the benefits, applications and challenges, Robin Fehlau, Monica Zimmerman Richard Smardon | Idalina Walker, Michelle Workman, Rick Barton: Pioneering Partnerships to Revitalize Southwest Virginia’s Clinch River Valley | Fred Akers, Jennifer Back, Paul Kenney: Using the EPA’s Preliminary Healthy Watersheds Assessment Project to identify healthy & vulnerable watersheds with Wild & Scenic Rivers | Kevan Cooper: Alaska’s Frozen Rivers |
| 8:30 – 9:00 | Tim Biddle, Brett Connell, James E. Parham: High Definition Stream Surveys: A new method to managing rivers & streams | Charles Evans: The Lost Rapid Project |
| 9:00 – 9:30 | Public Sensitivity – Objective way to get public reaction? Rivers? Andrew Lothian | Robert Burgholzer, Joseph Kleiner: Developing an Adaptively Managed Instream Flows Assessment Framework via Integrated Data Management, Modeling & Analysis | Chris Colvin: Early Adopters, Wild & Scenic River Eligibility Studies Recently Conducted under the 2012 Forest Planning Rule |
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| 9:30-10:00 | Break |
|  |  | Partner & Community | Water Trails | Policy & Practice |
| 10:00-10:30 | The role of conservation easements in managing scenic resources and how the steps to success. John McCarty, John Eustis  | Kevin Colburn: Wild & Scenic River Coalition Issues & Actions | Nicole Hersch: New River Water Trail: A Dual Approach | Christopher Armatas, Bill Borrie, Alan Watson: A public engagement protocol to apply social science in planning efforts: An application in support of comprehensive river management planning on the Flathead River System, Montana, USA |
| 10:30-11:00 | Julia Ela, Alyssa Wittenborn: Monitoring Mutualism: How Investing in Level III Volunteer Monitoring Benefits All | Cora Gnegy. Becky Nave: New River Water Trail: An Adventure of Partnerships, Promotions & Paddling | Steve Chesterton, Eric Sanders: Creating Data Tools to Inform Wild & Scenic River Planning |
| 11:00-11:30 |  | Will Isenberg: Stakeholder Driver Development of a Strategy to Minimize the Impacts of Winter Salt | Jessica Steelman: rural Coastal Virginia Alliance – Collaborative Efforts, Methodology and Successes | Todd Janeski, Kirsten Hazler: An approach for conserving Virginia’s Healthy Waters |
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| 11:30 – 1:30 | Lunch – state river program managers – meeting room near hotel café |
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| 1:30 – 2:00 | Panel discussion: Building scenic resource partnerships, networks and landowner relationships. Paul Kenny, John McCarty, John Eustis, George Santucci, Debbie Spanolopolis | Jim MacCartney, Rob Ayers: Demystifying Construction Projects on Rivers | Renee Powers: How to Manage a Blueway? Starting from the Water Up | Risa Shimoda, Moses Chun: Adding Depth to Understanding Diversity in the Workplace |
| 2:00 – 2:30 | Dan Mahon: The Rivanna River Renaissance |
| 2:30 – 3:00 |
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| 3:00 – 3:30 | Break |
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| 3:30 – 5:00 | Closing Plenary – Speaker – Dr. Richard Smardon, Ph.D. Professor Emeritus SUNY College of Environmental Science & Forestry: Revitalizing Urban Waterway Communities: Streams of Environmental Justice  |
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| 6:00 – 9:00 | Dinner at Triple Crossing Brewing – dinner and live auction |
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| Friday |  |  |  |  |
|  | VRM | Rural | Policy & Practice |  |
| 8:00 – 8:30 | Section 106 & NEPA and VRM; manufacturers work with Visual requirements. Transmission line presentation. Research on Visibility of Constructed Encroachments and Integrating built features into the landscape | Nicole Sandberg: Local efforts matter: The impact of 20 years of nonpoint source restoration actions on streams and rivers of Virginia | Craig Lott: Water Quality study of Clinch River, Virginia, Development & Preliminary Observations | Denielle Perry: Investigating Dynamic Interactions among Socio-Ecological Diversity, Connectivity, and Resilience to Inform the Future of River Conservation |
| 8:30 – 9:00 | Daniel McGarvey: Fish and Invertebrate Abundances are Near Universal Functions of Body Size in U.S. Streams | Renee Powers: Stream Navigability in Virginia |
| 9:00 – 9:30 | Maura Christian: Grassroots Growth of the Virginia Conservation Assistance Program | Katie Schmidt, Jennifer Ciminelli: Yelp for Hydro Models: A study of the latest and greatest alongside the tried and true  |
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| 9:30 – 10:00 | Break |
|  |  | Tech Tools |  |  |
| 10:00 – 10:30 | Integrating Development with in visual Corridor - Research on Visibility of Constructed Encroachments and Integrating built features into the landscape. Alyssia Angus, John McCarty, David Hill | Jenelle Dowling, Steve Chesterson: A Collaborative initiative to assess the water quality of national Wild and Scenic Rivers | Kristina Weaver: What Factors Help Ecosystem Collaboration Succeed? | Denielle Perry: Investigating Dynamic Interactions among Socio-Ecological Diversity, Connectivity, and Resilience to Inform the Future of River Conservation (continued) |
| 10:30 – 11:00 | David Hirschmann, Kip Mumaw: Retrofitting to Restore the River | Andy Brown: Volunteers in Watershed Planning and Management: A Collaboration of Trout Unlimited, the National Forests in NC, and NC Wildlife Resources Commission |
| 11:00 – 11:30 | Nathaniel Hitt: Fish abundance trends indicate destabilized flows in the Potomac  | Dan Shelby, Bo Shelby, Doug Whittaker: Good, Bad, Unusual – Access opportunity spectrum data base |
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