



Program Overview

Thursday		
12:00pm	Lost for a Cause Meet and Greet <i>Come join us for a casual lunch at Lost Province and meet other friends of the New!</i>	Lost Province Brewing 2 nd Floor 130 N Depot St, Boone, NC 28607
3:00pm	Check-In	Rankin Science Building, Lobby 572 Rivers St, Boone, NC 28607
3:30-5:00pm	Panel Discussion “Through the Lens of Sustainability: Headwaters of the New”	Rankin Science Building West Room 158 572 Rivers St, Boone, NC 28607
5:30pm	Keynote by Rufus Edmiston	Turchin Center Downstairs Lecture Hall 423 West King Street Boone, Boone, NC 28608
6:00-8:00pm	Reception and Poster Session*	Turchin Center Upstairs Classroom 423 West King Street Boone, Boone, NC 28608
8:00pm	After Hour Social with ASU String Band, Kraut Creek Ramblers	Lost Province Brewing 130 N Depot St, Boone, NC 28607

Friday		
8:30-9:00	Friday Attendee Check-In	Turchin Center Downstairs Lobby 423 West King Street Boone, Boone, NC 28608
9:00-11:00am	Restoration Field Trips	On Campus Meet at Turchin Center
11:00-12:30	Breakout Sessions*	Turchin Center 423 West King Street Boone, Boone, NC 28608
12:30-1:30	Lunch	Turchin Center 423 West King Street Boone, Boone, NC 28608
1:30-3:00	Breakout Sessions*	Turchin Center 423 West King Street Boone, Boone, NC 28608
3:00-3:30	Closing Comments	Turchin Center 423 West King Street Boone, Boone, NC 28608

**See Reverse for Session Details*

Poster Session

		Poster	By	With
Thursday Poster Session 6-8pm Upstairs Classroom Turchin Center 423 West King Street Boone, Boone, NC 28608		Retrofitting of Stormwater Systems to Mitigate Salt Contamination	Carly Mass	Appalachian State University
		The Future of Boone Creek: modeling increase in chloride concentration and stormwater runoff if catchment retention continues to decrease at current rate of change	Aeon Russo	Appalachian State University
		Identifying reaches of a waterway in need of streambank restoration through remote sensing techniques and geographic information system processing.	Aeon Russo	Appalachian State University
		Three-Dimensional Geophysical Imaging of the New River Floodplain Subsurface, Boone, NC	Taylor Arrowood	Appalachian State University
		Riparian salt storage and release along headwater streams in the New River Watershed	Emily Fedders	Appalachian State University
		Monitoring Fecal Chloroform Levels in Pipestem Creek in Southern WV	James Frye	Concord University
		Acid Mine Drainage in the New River: How Can We Use Microorganisms to Clean Up?	Katrina Godsey & Partners	Appalachian State University
		The Distribution and Ecology of Freshwater Sponges in Western North Carolina	Allison Griggs	Appalachian State University
		Impacts of the Mountain Valley Pipeline: longitudinal changes in the baseline assessment of Mill Creek, Roanoke County, Virginia	Angie Holmes & Partners	Radford University
		Using Genetics to manage the native walleye population in the New River	Caitlin Miller	Virginia Tech University
		How Do Local Governments & Regional Stakeholders Plan for Transportation in the New River Valley	Jay Rickabaugh & Sarah Crotnas	Appalachian State University
		Substrate Preferences of Darter Species within the Blue Ridge Physiographic Region of the New River Watershed	Ben Szykman	Virginia Tech University
		The Archaeology of the New River Headwaters: Current and Future Research	Alice Wright & Colin Quinn	Appalachian State University

Aquatic Wildlife

		Presentation	By	With
Friday Breakout Session Downstairs Classroom 11:00am-12:30pm Turchin Center 423 West King Street Boone, Boone, NC 28608	11:00-11:15am	Disruption of a cleaning symbiosis by invasive crayfish in the New River	Bryan Brown & Partners	Virginia Tech University
	11:15-11:30am	A Freshwater Cleaning Symbiosis Discovered in the New River	Robert Creed & Bryan Brown	Appalachian State University
	11:30-11:45am	A Brief of Non-native Fish Invasions in the New River Basin	Logan Sleezer & Partners	Virginia Tech University
	11:45-12:00am	Marker-Assisted Restoration of Native New River Walleye	Sheila Harris & Partners	Virginia Tech University
	12:00-12:15pm	Fish, Fishing, and Ecosystem Services and Dysfunctions in the New River	Donald Orth	Department of Fish and Wildlife Virginia Polytechnic Institute and State University
	12:15-12:30pm	Eastern Hellbenders of the South Fork of the New river	Doug Blatny & Partners	New River State Park

Riverine Morphology & Land Use Policy

		Presentation	By	With
Friday Breakout Session Upstairs Classroom 11:00am-12:30pm Turchin Center 423 West King Street Boone, Boone, NC 28608	11:00-11:15am	Ginseng Production as an Option for Underutilized Forestland	Jim Hamilton	Watauga County Cooperative Extension
	11:15-11:30am	Unlocking New Insights into Riverscapes with Drone-based Laser Scanners	Cully Hession	Virginia Tech University
	11:30-11:45am	Middle Fork New River Restoration Prioritization Plan	Greg Jennings & Partners	Jennings Environmental PLLC & NCSU
	11:45-12:00am	Collaborative Watershed Governance in the New River: Institutions, Actors, and Policy	Tatyana Ruseva & Brian Bulla	Appalachian State University
	12:00-12:15pm	The Correlation between Forested Buffers and River Width	Sean Sweeney & George Santucci	New River Conservancy
	12:15-12:30pm	What use is Local Conservation in a Time of Global Climate Change	Rick Van Noy	Radford University

Riverine Ecology				
		Presentation	By	With
Friday Breakout Session Downstairs Classroom 1:30pm-3:00pm Turchin Center 423 West King Street Boone, Boone, NC 28608	1:30-1:45pm	Effects of Land Cover and Riparian Buffers on Cold-Water Fish Assemblages in Upper South Fork New River Headwaters	Cristina Sanders	Appalachian State University
	1:45-2:00pm	Effects of Sewage Effluent on Aquatic Bugs	Kelli Park	DEQ
	2:00-2:15pm	Anthropogenic pressures on stream communities in the upper New River Drainage: How can we preserve biodiversity in a rapidly changing watershed?	Worth Pugh	The University of Alabama
	2:15-2:30pm	The AppAqua Research Cluster at Appalachian State University: An Upper South Fork New River Focused Long Term Monitoring Effort	Shae Tuberty & Partners	Appalachian State University
	2:30-2:45pm	Water Quality Assessment Projects in the Bluestone River Watershed in Southern WV	Tom Ford	Concord University
	2:45-3:00pm	Mucking Around with Aquatic Plants in Claytor Lake: What Have We Learned	John Copeland & Partners	Virginia Department of Game & Inland Fisheries

Conservation Art & Education				
		Presentation	By	With
Friday Breakout Session Upstairs Classroom 1:30pm-3:00pm Turchin Center 423 West King Street Boone, Boone, NC 28608	1:30-1:45pm	Making a Splash with Freshwater Snorkeling Education Programs	Craig Roghair	U.S. Forest Service
	1:45-2:00pm	The Grant and Partnership Trail to Native Aquatic Plants from Five Milliliters to 5000	Joan Blakenship & Partners	BASS Nation
	2:00-2:15pm	Back to Future: The TIA Alliance as a Student Recruitment Tool	John Copeland	Virginia Department of Game & Inland Fisheries
	2:15-2:30pm	Designation of Scenic as Conservation	Lynn Crump	DCR Planning & Recreation Resources
	2:30-2:45pm	Weaving History, Art, and Native Plants of Elk Shoals: Sustainable Restoration in the Upper New River	Appalachian Studies Class	Appalachian State University
	2:45-3:00pm	Re-imagining the New River with alternative photographic and filmmaking methods	Tom Hansell & Joshua White	Joshua White Photography & ASU